STATE OF ILLINOIS

DEPARTMENT OF REGISTRATION AND EDUCATION

PETROLEUM INDUSTRY IN ILLINOIS, 1968

Part I. Oil and Gas Developments

Jacob Van Den Berg

Part II. Waterflood Operations

T. F. Lawry

ILLINOIS PETROLEUM 92

ILLINOIS STATE GEOLOGICAL SURVEY

1969

URBANA, ILLINOIS 61801

STATE OF ILLINOIS

DEPARTMENT OF REGISTRATION AND EDUCATION

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PETROLEUM INDUSTRY IN ILLINOIS, 1968

JACOB VAN DEN BERG AND T. F. LAWRY

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PETROLEUM INDUSTRY IN ILLINOIS, 1968

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ABSTRACT

Illinois produced 56,391,000 barrels of crude oil in 1968, a decline of 6.2 percent from 1967. Approximately 41,260,000 barrels or 73.4 percent of this production was from 880 waterflood projects. The price of Illinois crude oil at the wells in 1968 was based on a gravity scale. At the beginning of the year, the scale ranged from $2.57 per barrel for crude oil with API gravity of 20.0 to 20.9 degrees to $3.15 for crude oil with API gravity of 40.0 to 40.9 degrees. In July, the price was increased five cents per barrel. The total value of crude oil produced in Illinois in 1968, based on an average price of $3.07 per barrel, was about $173,120,000.

In 1968, 1000 new tests for oil and gas were drilled, resulting in 519 oil wells, 1 gas well, and 480 dry holes. In addition, 69 former dry holes (68 oil, 1 gas), were reworked or deepened and completed as producers and 16 former producers were reentered and completed as oil wells in new pay zones. Of the 1000 new oil and gas tests, 200, or 20 percent were wildcats, of which 13, or 6.5 percent, were completed as producers. There were 172 new service wells drilled and 522 old wells were converted to service wells. Eight oil and gas structure tests were drilled. A total of 238 wells were completed in connection with underground storage of natural gas including 109 structure tests, 117 new wells, and 12 well conversions in existing storage projects.

There were 5 oil fields, 9 extensions to fields, and 11 new pay zones in fields discovered in 1968. None appeared to be significant.

Estimated crude oil reserves declined from 336.8 million barrels at the end of 1967 to 302.0 million barrels at the end of 1968.

Twenty-five underground natural gas storage projects are in operation or are being developed in Illinois. Estimated total capacity of these reservoirs is about 600 billion cubic feet. Twelve underground mined caverns are used for storage of liquefied petroleum gases, with a total capacity of about 3 million barrels.

Forty-four new waterfloods were added in 1968 while 50 waterfloods were abandoned and 12 waterfloods were dropped for lack of data or because they were combined with other waterfloods.

Area subject to fluid injection was increased by 11,500 acres in the new waterflood projects, and by 3600 acres in the expansion of older waterflood projects. Acreage subject to fluid injection is now approximately 47.7 of the total pay acreage in the state.

PART I. OIL AND GAS DEVELOPMENTS

Jacob Van Den Berg

INTRODUCTION

This report is similar in form to the 1967 annual report.

Part I gives information about crude oil production, development and exploratory drilling, crude oil reserves, productive acreage, gas production, and underground storage of natural gas and liquefied petroleum gas.

The help and cooperation of the many individuals and companies who have made this report possible is greatly appreciated.

OIL PRODUCTION AND VALUE

Illinois produced 56,391,000 barrels of crude oil in 1968, down 3,724,000 barrels, or 6.2 percent, from the 60,115,000 barrels produced in 1967. Average daily production in 1968 was 154,072 barrels, compared with 164,699 barrels in 1967.

In connection with oil and gas exploration and production, table 1A lists by counties the number of permits issued, numbers of holes drilled, footage drilled, and oil production for 1967. Holes drilled are classified as tests for oil and gas, structure tests, service wells, or old wells reworked or converted.

Table 1B lists by counties the number of holes and footage drilled in connection with underground storage of natural gas.

Six counties, with combined production of 33,984,000 barrels of oil in 1968, accounted for 60.3 percent of the state's total production for the year, as follows:

County	1968 production (M bbls)	Percentage of state total
White	7,138	12.7
Fayette	6,732	11.9
Wayne	6,137	10.9
Lawrence	5,952	10.6
Marion	4,231	7.5
Hamilton	3,794	6.7
	33,984	60.3

The combined production of nine fields that produced over 1,000,000 barrels of oil each in 1968 was 38,894,000 barrels, or 69 percent of the state's total, as follows:

Field (C = Consolidated)	1968 production (M bbls)	Percentage of state total
Southeastern Illinois oil field	8,830	15.7
Clay City C	7,244	12.8
Louden	6,310	11.2
Salem C	3,935	7.0
New Harmony C	3,825	6.8
Dale C	3,371	6.0
Sailor Springs C	2,264	4.0
Roland C	1,900	3.4
Johnsonville C	1,215	2.1
	38,894	69.0

The price of Illinois crude oil at the wells in 1968 was based on a gravity scale. At the beginning of the year, the scale ranged from $2.57 per barrel for crude with API gravity of 20 to 20.9 degrees to $3.15 for crude with API gravity of 40 to 40.9 degrees. The value of crude oil produced in Illinois in 1968, based on an average price of $3.07 per barrel, was $173,120,370.

1968 DRILLING

In the search for and exploitation of oil and gas reserves, 1787 wells were completed (table 1A), down 3.7 percent from 1967. These included new oil and gas tests, former dry holes reworked or deepened and completed as producers, former producers reworked or deepened and completed as producers in new pay zones, new service wells, service well conversions, and structure tests. In addition, the gas industry reported 238 well completions in 1968 in connection with underground storage of natural gas (table 1B); these included 109 structure tests, 117 new wells, and 12 well conversions in existing projects.

New tests drilled for oil and gas in 1968 totaled 1000, a decline of 11 percent from the 1124 new tests drilled in 1967. These new tests resulted in 519 oil wells, 1 gas well, and 480 dry holes. In addition, 69 former dry holes were reworked or deepened and completed as producers (68 oil, 1 gas), and 16 former producers were reentered and completed as oil wells in new pay zones. Table 8 shows the number of oil well completions and oil production by fields; table 9 gives the same data for gas fields.

New service wells drilled in 1968 (water input, salt water disposal, etc.) totaled 172, and 522 old wells, most of which had been oil wells, were converted to service wells.

Only eight structure tests were drilled in 1968 by the oil and gas producing industry.

New oil and gas tests were drilled in 55 of the 102 counties in the state. Ten counties, with 40 or more tests each, accounted for 61 percent of the total: Clay (96), Wayne (80), Crawford (72), Lawrence (67), Jasper (60), White (57), Edwards (48), Franklin (44), Richland (42), and Wabash (42).

Of the 1000 new oil and gas tests, 200 (or 20 percent) were wildcats (half a mile or more from previous production). Thirteen of the wildcats were completed as producers—a success ratio of 6.5 percent. Of the 95 wildcats drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production, 8 were producers—a success ratio of 8.4 percent. Of the 92 wildcats drilled over $1\frac{1}{2}$ miles from production, 5 were producers—a success ratio of 5.4 percent. Of the 55 counties with drilling in 1968, 51 had some wildcat drilling. Eight counties had wildcat drilling that to date have no production.

Total footage drilled in 1968 was 2,958,128 feet: 2,635,943 feet by the oil and gas producing industry and 322,185 feet for underground natural gas storage. Total footage drilled in oil and gas tests was 2,359,439, down about 11 percent from 1967.

Discoveries

Five oil fields, nine extensions to fields, and eleven new pay zones in fields (fig. 1 and tables 2, 3, and 4) were discovered in 1968. None of the discoveries adds substantially to crude oil reserves.

One new field produces from Ordovician and four from Mississippian strata. One of the extensions to fields produces from Silurian, one from Devonian, and seven from Mississippian rocks. One of the new pay zones is in Silurian, one in Devonian, eight in Mississippian, and one in Pennsylvanian strata.

Discovery of oil in the Silurian in the Tilden North field is probably the most significant of the 1968 discoveries (No. 19, fig. 1 and table 4). Previously, the field produced only gas from Cypress sand. Oil production currently is from a Silurian reef. The second Silurian well in the field, the James H. Donnewald No. 2 Hunter, in Sec. 36, T. 3 S., R. 6 W., was completed in December but was reported too late to be included in 1968 statistics. It has an initial daily production of 672 barrels of oil flowing from the Silurian. This discovery should encourage exploration for Silurian reef production.

Of the new fields, Montrose and Energy each have five wells, Teutopolis South and Freemanspur each have two, and Witt West has one.

The extension to Berryville Consolidated field in Edwards County deserves special mention. In May 1968, RK Petroleum Corporation completed their No. 1 Edna Clodfelter et al. well in Sec. 9, T. 1 N., R. 14 W., for an initial production of 406 barrels per day from the Spar Mountain. This extended the field three-quarters of a mile to the southwest. By the end of 1968, seven additional oil wells had been reported, all in Sec. 9, with initial daily production figures ranging from 10 to 229 barrels of oil.

Exploration

Wildcat drilling (more than half a mile from production), down 21 percent from 1967, was fairly well distributed over the southern two-thirds of the state. Each of 51 counties had at least 1 wildcat well.

Forty wells tested deeper formations in existing fields; three discovered deeper pay zones, one in St. Louis, one in Salem, and one in Silurian. More than half of these tests were St. Louis-Salem tests. The St. Louis-Salem has been the main target of deeper drilling since the St. Louis play in Clay City Consolidated field in Jasper County over two years ago.

Two deep, unsuccessful Knox tests were drilled at the northern edge of the Fairfield Basin (Nos. 24 and 28, fig. 1 and table 5), but no shows were encountered. The Knox and lower rocks in the deep part of the basin are essentially unexplored. Illinois has no production that is stratigraphically as deep as the Knox. Late in 1967, Union Oil Company of California recovered 10 feet of oil on a drillstem test of the Knox between 7749 and 7876 feet in Clay City Consolidated field. This was the first oil recovered from this zone in the central part of the Illinois Basin.

FIELDS REVIVED AND ABANDONED

Johnsonville North, a six-well Ste. Genevieve field in Wayne County, discovered in 1943, was abandoned in 1966 after having produced 88,000 barrels of oil. In 1968, it was revived with the completion of two wells producing from the Spar Mountain.

Shawneetown field, Gallatin County, was discovered in 1945. When it was abandoned in 1960, it had produced about 17,000 barrels of oil from several Chesterian formations and the Aux Vases. In 1968, the field was revived with the completion of a well in the Bethel sand, a new pay in the field.

Five fields, with cumulative production of 878,000 barrels of oil, were abandoned in 1968. They are Browns South (Edwards County), Ingraham (Clay County), Murdock (Douglas County), Omega (Marion County), and Sumner Central (Lawrence County). Ingraham field had a cumulative production of 832,000 barrels of oil from 36 wells; the other fields, with a combined total of 13 wells, had produced 25,000 barrels or less each.

GEOLOGIC COLUMN

Figure 2 is a generalized geologic column of southern Illinois. It does not show the Pleistocene deposits that cover much of Illinois bedrock, the Tertiary and Cretaceous rocks that occur in a belt across the southern end of the state, or the approximately 4000 feet of Ordovician and Cambrian rocks between the base of the St. Peter Sandstone and the top of the Precambrian basement. Pay zones are indicated on the geologic column by a black dot.

OIL FIELD MAPS

Illinois Petroleum 83, published by the Illinois State Geological Survey, contains maps that show the locations of oil and gas fields in the state. Illinois Petroleum 84 contains maps that show where each of 21 pay zones has produced oil.

CRUDE OIL RESERVES

The following figures show a decline in estimated crude oil reserves of 34.8 million barrels during 1968. Loss of reserves due to production was partially offset by a net upward revision of 21.6 million barrels; this revision is primarily the result of additions in fields where large waterflood operations are active. The quantity of oil added by new drilling for 1968 is so small that it has been included in the figure for revisions rather than being listed separately.

	Millions of barrels
Estimated reserves Jan. 1, 1968	336.8
Withdrawal by 1968 production	56.4
Remainder after production	280.4
Added by upward revision	21.6
Estimated reserves Jan. 1, 1969	302.0

PRODUCTIVE ACREAGE

The completion of 587 oil wells in 1968 added an estimated 4800 acres to the proved productive area of Illinois, including 68 old holes that were originally completed as dry and abandoned. Two gas-well completions increased the productive area by 30 acres. Total productive area in Illinois for oil is 578,310 acres and for gas, 34,565 acres. All but a few gas wells in Illinois are shut in.

The normal spacing pattern in Illinois for oil wells producing from depths less than 4000 feet is 10 acres per well for production from sand-

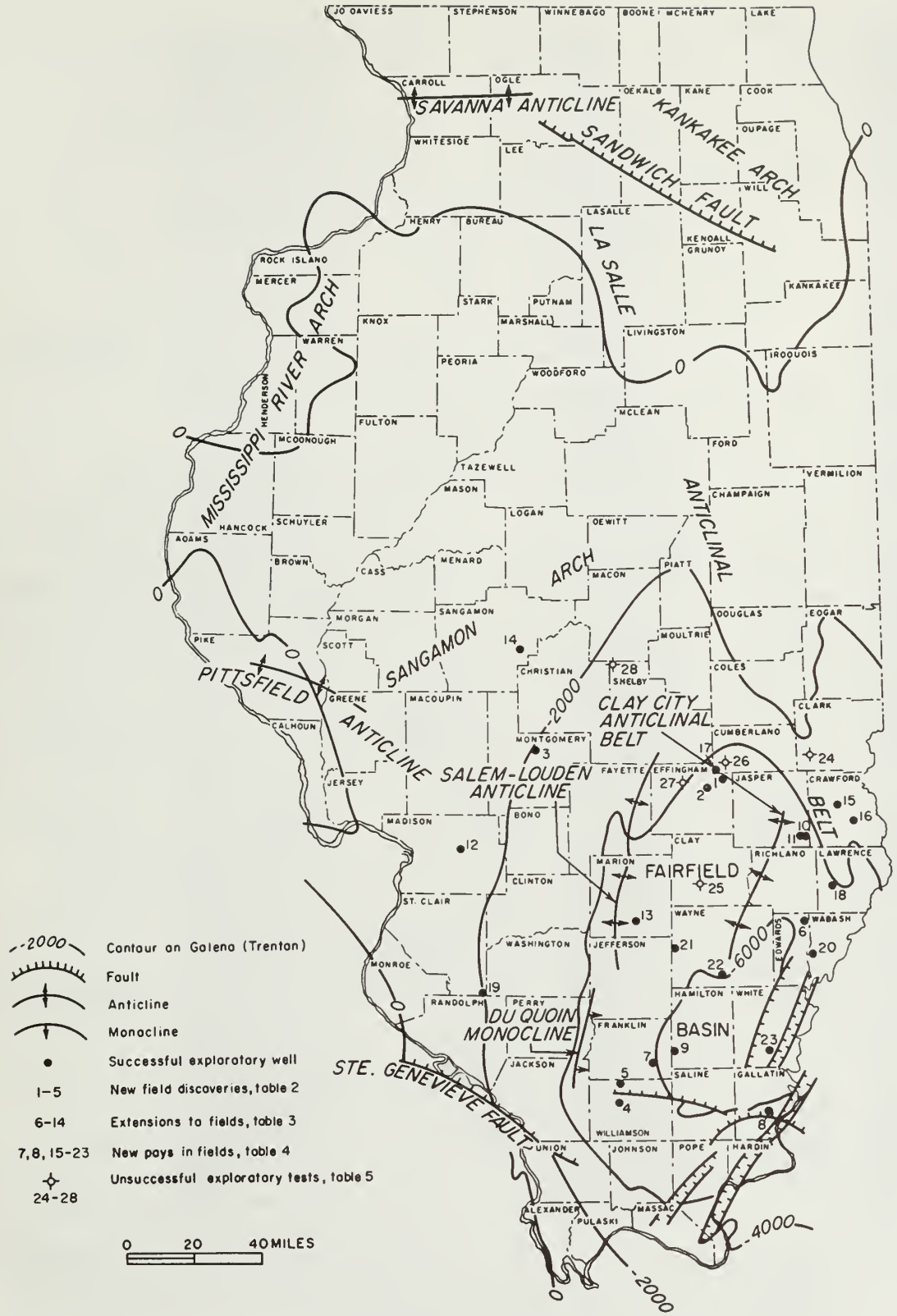

Fig. 1 - Major tectonic features of Illinois and their relations to significant holes drilled during 1968. Numbered holes shown are listed in tables 2, 3, 4, and 5.

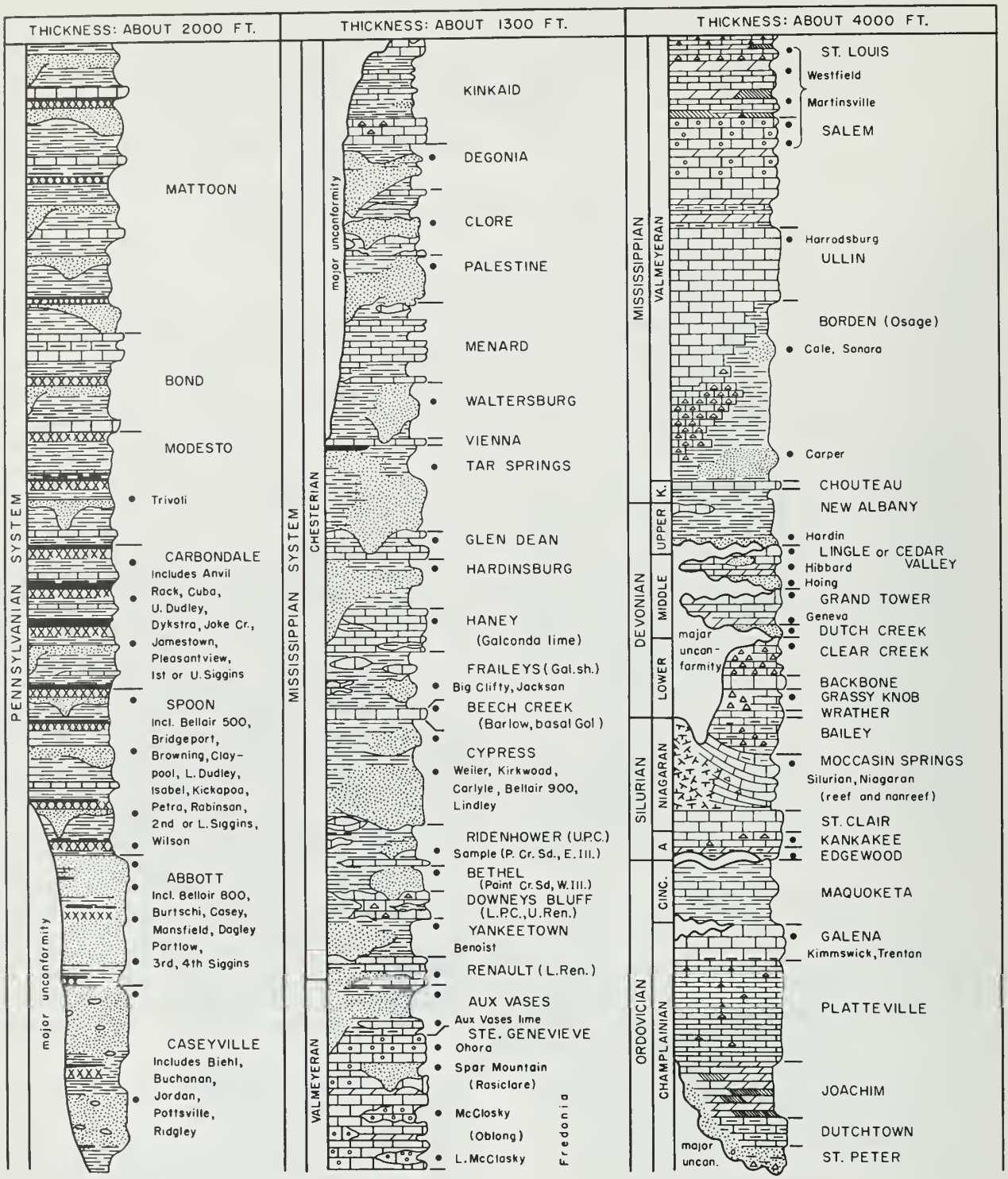

Fig. 2 - Generalized geologic column of southern Illinois. Black dots indicate oil and gas pay zones. Formation names are in capitals; other pay zones are not. About 4000 feet of the lower part of Ordovician and the upper sandstone Cambrian rocks under the St. Peter are not shown. Kinderhookian (K), Alexandrian (A), and Cincinnatian (Cinc.) Series are abbreviated. Variable vertical scale. (Prepared by David H. Swann)

stone and 20 acres per well for production from limestone. The Oil and Gas Act makes possible (under certain circumstances) the establishment of drilling units, for production less than 4000 feet deep, in which the spacing is fixed at not less than 10 acres nor more than 40 acres per well.

For wells producing from depths between 4000 and 6000 feet, the spacing pattern is 40 acres per well. For wells producing from depths greater than 6000 feet, it is 160 acres per well.

GAS PRODUCTION

An estimated 8 billion cubic feet of gas was produced from Illinois wells during 1968, either as solution gas or from separate gas reservoirs.

Approximately 183 million cubic feet of Illinois dry gas was marketed in Illinois during the year. From the Johnston City East field, Williamson County, 132 million cubic feet was collected and distributed to Murphysboro, Carbondale, Marion, Benton, West Frankfort, and DuQuoin. From the Omaha field, Gallatin County, 18 million cubic feet was collected and sold to several cities in Gallatin and White Counties. From the Raleigh field in Saline County, 32 million cubic feet was collected and distributed to Eldorado and Harrisburg.

No Illinois solution gas is sold to interstate pipelines, nor has any been processed for gasoline since 1964 when the last of the gasoline plants in Illinois were closed.

UNDERGROUND STORAGE OF LIQUEFIED PETROLEUM GAS

Twelve caverns, mined from shale or limestone, provide storage capacity for 3,070,000 barrels of liquefied petroleum gases in Illinois (table 6). Propane, butane, and propylene are the gases being stored.

UNDERGROUND STORAGE OF NATURAL GAS

At the end of 1968, 25 underground natural gas storage projects were in operation or being developed in Illinois. Several reservoirs were being studied or tested for their storage possibilities. Gas is stored in rocks of Pennsylvanian through Cambrian age, at depths from 350 to 3900 feet.

Table 7 lists information about active Illinois storage projects. The total ultimate capacity of the storage reservoirs is an estimated 600 billion cubic feet. The amount of gas actually in place at the beginning of the heating season (fall of 1968) was about 300 billion cubic feet. About half was working gas and half was cushion gas not available for withdrawal and delivery to customers.

TABLE 1A - SUMMARY OF OIL AND GAS DRILLING ACTIVITY AND OIL PRODUCTION IN 1968

County	Permits to drill	Total completions	Production tests					Service wells				Structure tests	Total footage drilled	Total oil production (bbls)
			New holes		OWWO		Footage drilled	New service wells	Conversions		Footage drilled			
			Prod.[a]	D&A	D&A to prod.	Prod. to prod. in new pay zones			Were prod.	Other[b]				
Adams	2	2	1	1	—	—	1,335	—	—	—	—	—	1,335	3,929
Bond	9	7	—	6	—	—	9,608	—	1	—	—	—	9,608	81,692
Brown	2	3	—	3	—	—	1,781	—	—	—	—	—	1,781	3,766
Cass	1	1	—	1	—	—	680	—	—	—	—	—	680	—
Champaign	1	2	—	2	—	—	1,441	—	—	—	—	—	1,441	742
Christian	10	17	1	9	—	—	20,943	—	6	1	—	—	20,943	446,362[c]
Clark	57	57	18	18	—	—	34,272	21	—	—	11,923	—	46,195	611,296[c]
Clay	112	134	52	44	7	—	281,629	12	16	3	31,004	—	312,633	2,866,051
Clinton	29	46	3	12	—	—	23,649	1	28	2	1,303	—	24,952	932,381
Coles	24	17	8	4	1	—	24,950	2	2	—	2,630	—	27,580	583,134
Crawford	86	120	50	22	9	1	80,273	31	6	1	33,435	—	113,708	2,599,133
Cumberland	20	17	8	5	2	—	21,659	1	1	—	590	—	22,249	c
DeWitt	1	3	3	—	—	—	2,676	—	—	—	—	—	2,676	235,820
Douglas	3	3	1	2	—	—	4,414	—	—	—	—	—	4,414	64,819
Edgar	6	8	—	4	—	—	3,844	4	—	—	1,959	—	5,803	101,729
Edwards	73	62	25	23	1	1	148,071	—	11	1	—	—	148,071	771,465
Effingham	59	72	16	23	1	1	106,661	5	21	5	6,844	—	113,505	676,045
Fayette	32	30	5	1	—	1	10,551	5	15	3	7,687	—	18,238	6,732,013
Franklin	57	55	23	21	1	—	134,088	—	8	2	—	—	134,088	1,560,168
Gallatin	35	48	12	9	2	—	62,392	1	23	1	87	—	62,479	1,178,043
Greene	1	1	—	1	—	—	784	—	—	—	—	—	784	—
Grundy	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Hamilton	38	42	12	9	5	—	70,934	2	12	2	4,985	—	75,919	3,793,900[d]
Hancock	3	2	—	2	—	—	1,691	—	—	—	—	—	1,691	37,514[d]
Henderson	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Jackson	1	1	—	1	—	—	1,860	—	—	—	—	—	1,860	—
Jasper	63	105	38	22	6	1	175,990	4	33	1	6,721	—	182,711	1,318,540
Jefferson	29	28	7	12	2	—	53,439	1	6	—	2,836	—	56,275	1,441,520
Kankakee	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Knox	2	2	—	2	—	—	1,408	—	—	—	—	—	1,408	—
Lawrence	147	122	47	20	6	—	119,413	20	23	5	30,238	1	151,565	5,951,883
Logan	2	1	—	1	—	—	2,150	—	—	—	—	—	2,150	—
McDonough	5	6	2	3	—	—	2,425	—	1	—	—	—	2,425	d
McLean	4	7	—	7	—	—	7,450	—	—	—	—	—	7,450	—
Macon	7	5	—	5	—	—	10,528	—	—	—	—	—	10,528	12,899
Macoupin	9	8	1	7	—	—	6,973	—	—	—	—	—	6,973	5,619
Madison	17	20	4	14	—	—	25,594	1	—	—	956	1	27,150	180,113
Marion	41	51	12	16	1	1	72,743	3	16	2	6,388	—	79,131	4,230,805
Monroe	1	1	—	1	—	—	371	—	—	—	—	—	371	—
Montgomery	3	2	1	1	—	—	3,473	—	—	—	—	—	3,473	1,074
Morgan	—	1	—	1	—	—	460	—	—	—	—	—	460	
Moultrie	—	—	—	—	—	—	—	—	—	—	—	—	—	3,462
Perry	6	6	—	5	—	—	6,584	—	—	—	—	1	6,854	19,434
Piatt	1	3	—	3	—	—	2,361	—	—	—	—	—	2,361	—
Pike	1	1	—	1	—	—	645	—	—	—	—	—	645	—
Randolph	2	8	—	3	—	—	3,485	—	—	—	—	5	4,756	121,170
Richland	57	59	27	15	4	2	135,277	—	11	—	—	—	135,277	2,071,396
St. Clair	5	4	1	3	—	—	5,924	—	—	—	—	—	5,924	—
Saline	18	22	4	4	—	—	24,651	—	13	1	—	—	24,651	1,082,620
Sangamon	38	36	7	27	1	—	57,732	—	1	—	—	—	57,732	225,148
Schuyler	5	5	—	5	—	—	3,603	—	—	—	—	—	3,603	—
Shelby	4	2	—	2	—	—	7,332	—	—	—	—	—	7,332	47,796
Union	—	1	—	1	—	—	8,490	—	—	—	—	—	8,490	—
Vermilion	1	1	—	1	—	—	2,015	—	—	—	—	—	2,015	—
Wabash	87	107	18	24	5	1	87,183	12	44	3	22,391	—	109,574	2,381,377
Washington	28	22	5	12	—	—	29,934	2	2	1	2,836	—	32,770	615,267
Wayne	175	209	60	20	12	2	259,024	21	84	10	56,744	—	315,768	6,137,098
White	160	175	43	14	3	5	166,597	23	77	10	40,892	—	207,489	7,137,675
Williamson	12	17	4(1)	5	—	—	25,999	—	5	2	—	—	25,999	125,780
TOTALS	1,595	1,787	519(1)	480	69	16	2,359,439	172	466	56	272,449	8	2,635,943	56,390,678

[a] Gas in parentheses, not included in totals.
[b] Former D&A and other types of holes converted in connection with waterflood projects.
[c] Production is combined for Clark and Cumberland Counties.
[d] Production is combined for Hancock and McDonough Counties.

TABLE 1B – SUMMARY OF UNDERGROUND NATURAL GAS STORAGE DRILLING ACTIVITY IN 1968

County	Permits issued	Total completions	Structure tests	Injection and withdrawal wells		Service wells		Footage
				New wells	Conversions	New wells	Conversions	
Chsmpaign	29	21	16	4	–	1	–	39,346
Coles	–	6	–	5	1	–	–	5,118
Crawford	1	2	–	–	2	–	–	–
Douglas	20	19	19	–	–	–	–	17,556
Edgar	–	10	–	–	–	10	–	20,622
Fayette	12	1	–	–	1	–	–	–
Grundy	–	1*	1	–	–	–	–	1,640
Iroquois	–	4	–	4	–	–	–	5,764
Kankakee	13	20	–	17	–	2	1	42,500
LaSalle	13	21	1	18	–	2	–	34,337
Livingston	32	19	6	11	–	2	–	51,546
McLean	36	28	23	3	–	2	–	40,992
Macoupin	1	1	1	–	–	–	–	245
Madison	2	2	2	–	–	–	–	523
Mercer	–	1	1	–	–	–	–	783
Monroe	–	1	–	–	–	–	1	–
Montgomery	2	–	–	–	–	–	–	–
Morgan	21	12	–	6	–	6	–	26,021
Ogle	–	4	1	2	–	1	–	2,973
Peoria	–	6	–	4	–	–	2	3,371
Perry	1	–	–	–	–	–	–	–
Piatt	4	3	3	–	–	–	–	2,659
Pike	4	1	–	–	–	1	–	977
Randolph	11	1	–	–	–	1	–	670
St. Clair	7	8	3	–	3	2	–	3,348
Sangamon	19	20	20	–	–	–	–	4,444
Warren	6	5	5	–	–	–	–	3,074
Washington	6	5	1	1	–	2	1	3,995
Winnebago	10	16	6	2	–	8	–	9,481
TOTALS	250	238	109	77	7	40	5	322,185

*LPG

TABLE 2 – FIVE NEW FIELD DISCOVERIES IN 1968

Map no. (Fig. 1)	Location	County	Operator, well no., and farm	Field	Initial production	Pay zone	Prod. depth (feet)	Total depth (feet)	Completion date
1	9–8N–7E	Effingham	Natl. Assoc. Petr. Co. #1 J. C. Spitler	Montrose	305 BO	McClosky	2,530	2,666	10–14
2	26–8N–6E	Effingham	Ego Enterprises, Inc. #1 Mary Gregor	Teutopolis South	73 BO	Spar Mtn.	2,533	2,533	5–5
3	32–10N–3W	Montgomery	Atkins & Hale #1 Mattli	Witt West	40 BO/30 BW	Trenton	2,660	2,721	–
4	4–9S–2E	Williamson	A. B. Vaughn #1 Eovaldi–Fairchild	Energy	75 BO	Aux Vases	2,370	2,442	6–21
5	4–8S–2E	Williamson	Joe A. Dull #1–H Rehn–Hudson	Freemanspur	30 BO	Aux Vases	2,505	2,740	4–2

TABLE 3 – DISCOVERY WELLS OF NINE EXTENSIONS TO FIELDS IN 1968 (C, Consolidated; W, West)

Map no. (Fig. 1)	Location	County	Operator, well no., and farm	Field	Initial production	Pay zone	Prod. depth (feet)	Total depth (feet)	Completion date	Remarks
6	9–1N–14W	Edwards	R. K. Petroleum Corp. #1 Edna Clodfelter et al.	Berryville C	406 BO	Spar Mtn.	2,992	2,994	5–8	
7	6–7S–4E	Franklin	J. D. Turner #1 Ward	Logan	35 BO	Aux Vases	2,928	2,928	–	Also new pay zone in field
8	23–9S–9E	Gallatin	Gaurd S. Marvin #1 Shawneetown	Shawneetown	24 BO/100 BW	Bethel	2,410	2,755	6–10	OWWO, formerly D&A; also a new pay zone
9	19–6S–5E	Hamilton	C. E. Brehm Drlg. & Prod. Co. #1 Gammon	Dale C	50 BO/35 BW	Aux Vases Ohara	3,219 3,261	3,283	11–26	
10	3–5N–14W	Jasper	Natl. Assoc. Petr. Co. #1 John R. Michl	Ste. Marie	8 BO/25 BW	Ste. Genevieve	2,752	2,834	10–3	
11	4–5N–14W	Jasper	Bridgeport Drlg. Co. #1 Matilda Schneider	Ste. Marie	10 BO/5 BW	Spar Mtn.	2,775	2,950	11–8	
12	26–5N–7W	Madison	John P. Potsch #1 G. Buehler–A	Marine W	14 BO/14 BW	Devonian	1,610	1,610	–	
13	8–1N–3E	Marion	Goose Creek Oil Co. #1 N. Wham	Exchange W	40 BO/5 BW	Spar Mtn.	2,502	2,695	6–1	
14	34–15N–4W	Sangamon	Centurion Oil, Inc. #1 Rentschler	New City	398 BO	Silurian	1,643	1,643	7–1	

TABLE 4 – DISCOVERY WELLS OF ELEVEN NEW PAY ZONES IN FIELDS IN 1968
(C, Consolidated; E, East; N, North; W, West)

Map no. (Fig. 1)	Location	County	Operator, well no., and farm	Field	Initial production	New pay zone	Prod. depth (feet)	Total depth (feet)	Completion date	Remarks
15	19–7N–12W	Crawford	Henderson & Willis #1 Dix–Conover Comm.	Main C	15 BO	Barlow	1,211	1,223	2–21	Also produces from Pennsylvanian
16	13–6N–12W	Crawford	C. W. Kendall #1 Vernon Crozier	New Hebron E	250 MCF	Robinson	791	1,571	8–12	OWWO, was Aux Vases prod.
17	31–9N–7E	Cumberland	Armantrout & Dannenberg #2 L. Schumacher	Lillyville	15 BO	Spar Mtn.	2,439	2,491	2–19	
7	6–7S–4E	Franklin	J. D. Turner #1 Ward	Logan	35 BO	Aux Vases	2,928	2,928	–	Also an extension
8	23–9S–9E	Gallatin	Gaurd S. Marvin #1 Shawneetown	Shawneetown	24 BO/100 BW	Bethel	2,410	2,755	6–10	Also an extension; OWWO, was D&A
18	14–3N–13W	Lawrence	Mike Myers #1 Earl Brown	Lawrence W	52 BO/25 BW	Ohara	2,230	2,281	10–23	OWDD, was D&A; old TD 2,2127; also produces from Spar Mtn.
19	36–3S–6W	St. Clair	James H. Donnewald #1 Hunter	Tilden N	62 BO	Silurian	2,054	2,057	11–16	
20	26–1S–14W	Wabash	Howard E. Garrett #2 Tanquary Bros.	Lexington	12 BO	Ohara	2,915	2,981	9–3	Also produces from McClosky
21	19–1S–5E	Wayne	Natl. Assoc. Petr. Co. #1 Raleigh C. Garrison "A"	Coil	172 BO	St. Louis	3,030	3,083	–	
22	33–2S–7E	Wayne	H. H. Weinert Est. #1 Perwyn Morlan Trust	Aden C	80 BO	Lingle	5,194	5,306	12–3	
23	23–6S–9E	White	Jim Haley Prod. Co. #1 M. W. Trainor	Storms C	3 BO	Salem	5,174	5,174	–	

TABLE 5 - SELECTED LIST OF UNSUCCESSFUL EXPLORATORY TESTS IN 1968 (N, North)

Map no. (Fig. 1)	Location	County	Operator, well no., and farm	Pool or wildcat	Deepest zone tested	Depth to top (feet)	Total depth (feet)	Completion date	Remarks
24	14-9N-14W	Clark	Vander Jagt Oil Co. #1 H. Gross V	Johnson N	Oneota	4,350	4,519	7-21-67	
25	17-3N-6E	Clay	McCollum & Kincaid #1 Ira Theobald	Kenner N	Devonian	-	4,784	9-22-67	OWDD, old TD 3,049, was D&A
26	22-9N-7E	Cumberland	Union Oil Co. of California #1 W. Ruholl	WF*	Silurian	4,030	4,082	5-22-68	
27	15-8N-5E	Effingham	Union Oil Co. of California #1 Ungrund Consol.	WF	Silurian	3,896	3,970	2-8-68	
28	19-14N-2E	Shelby	NEA Yes, Inc. #1 Stoggsdill	WF	Knox	3,686	4,496	8-5-68	

*Wildcat far, drilled 1½ miles or more from nearest production

TABLE 6 - UNDERGROUND STORAGE FACILITIES FOR LIQUEFIED PETROLEUM GASES IN ILLINOIS, JANUARY 1, 1969

Company	Location	Type of storage	Capacity (bbl)	Product
General Facilities, Inc.	Wood River, Madison County	Mined limestone	80,000	Propane
Hydrocarbon Transportation, Inc.	Lemont, Will County	Mined shale	250,000	Butane and propane
Mid-America Pipeline Co.	Farmington, Peoria County	Mined limestone	440,000	Propane
Phillips Petroleum Co.	Kankakee, Kankakee County	Mined shale	260,000	Propane
Shell Oil Co.	Wood River, Madison County	Mined limestone	500,000	Butane
	Wood River, Madison County	Mined limestone	232,000	Propane
Tuloma Gas Products Co.	Wood River, Madison County	Mined limestone	190,000	Propane
	Wood River, Madison County	Mined limestone	50,000	Propylene
U. S. Industrial Chemicals Co.	Tuscola, Douglas County	Mined shale	170,000	Propane
	Tuscola, Douglas County	Mined shale	800,000	Propane
Warren Petroleum Corp.	Crossville, White County	Mined shale	52,000	LP-gas
WILLBROS	Eola (Aurora), DuPage County	Mined shale	46,000	LP-gas
		TOTAL	3,070,000	

TABLE 7 — UNDERGROUND NATURAL GAS

Project	Company	County Township Range	Operational dates (initial)			Number of wells			Geologic data			
			Development	Storage	Withdrawal	Operating	Observation	Other	Stratigraphic unit	Lithology	Trap	Native fluid
Ancona	Northern Illinois Gas Co.	LaSalle & Livingston 29, 30N 2, 3E	1961	1963	1965	56	18	—	Mt. Simon	sand	dome	water
Ashmore	Central Illinois Public Service	Coles & Clark 12N 10E, 11E, 14W	1960	1963	1963	32	7	—	Spoon Salem	sand lime	anti-cline	gas
Centralia East	Illinois Power Co.	Marion 1N 1E	1960	1964	1966	16	5	—	Pennsylvanian	sand	strati-graphic	gas
Cooks Mills	Natural Gas Pipeline Co.	Coles & Douglas 14N 7, 8E	1956	1957	1958	24	5	4	Cypress Spar Mountain ("Rosiclare")	sand	lens	gas
Crescent City	Northern Illinois Gas Co.	Iroquois 26, 27N 13W	1959	1967	—	6	22	—	St. Peter	sand	dome	water
Elbridge	Midwestern Gas Transmission Co.	Edgar 12, 13N 11W	1961	1964	1966	12	7	0	Grand Tower	lime	drape over reef	water
Freeburg	Illinois Power Co.	St. Clair 1, 2S 7W	1958	1959	1959	71	3	0	Cypress	sand	strati-graphic	gas
Gillespie-Benld	Illinois Power Co.	Macoupin 8N 6W	1958	1958	1959	7	0	0	Pennaylvanian	sand	strati-graphic	gas
Glasford	Central Illinois Light Co.	Peoria 7N 6E	1960	1964	1964	11	12	0	Niagaran	dolomite	dome	water
Herscher	Natural Gas Pipeline Co.	Kankakee 30N 10E	1952	1953	1953	62	116	15	Galesville	sand	anti-cline	water
			1957	1957	1958	58	21	—	Mt. Simon***	sand	anti-cline	water
Herscher-Northwest	Natural Gas Pipeline Co.	Kankakee 30, 31N 9E	(being developed)			8	11	—	Mt. Simon***	sand	anti-cline	water
Hookdale	Illinois Power Co.	Bond 4N 2W	1962	1963	1963	10	2	0	Yankeetown ("Benoist")	sand	strati-graphic & struc-tural	gas
Leaf River	Northern Illinois Gas Co.	Ogle 25N 9E	(being tested)			2	4	—	Eau Claire	sand	anti-cline	water
Loudon	Natural Gas Pipeline Co.	Fayette 7, 8, 9N 3E	(being developed)			18	94	1	Grand Tower	lime	anti-cline	oil
Mahomet	Peoples Gas, Light & Coke Co.	Champaign 21N 7E	1960	1964	1966	26	13	0	Mt. Simon	sand	anti-cline	water
Nevins	Midwestern Gas Transmission Co.	Edgar 12, 13N 11W	1961	1965	1966	14	7	0	Grand Tower	lime	drape over reef	water
Pecatonica	Mid-Illinois Gas Co.	Winnebago 27N 10E	(being developed)			2	16	0	Eau Claire	sand	dome	water
Pontiac	Northern Illinois Gas Co.	Livingston 27, 28N 6E	(being developed)			25	13	—	Mt. Simon	sand	dome	water
Richwoods	Gas Utilities Co.	Crawford 6N 11W	1966	1966	1966	3	1	0	Pennsylvanian	sand	—	gas
St. Jacob	Mississippi River Fuel Corp.	Madison 3N 6W	1963	1963	1965	10	3	2	St. Peter	sand	dome	water
State Line	Midwestern Gas Transmission Co.	Clark, Ill.,‡ & Vigo, Ind. 12N 10W	1961	1962	1964	9	6	0	Grand Tower	lime	drape over reef	water
Tilden	Illinois Power Co.	St. Clair & Washington 3S 5, 6W	1957	1961	1961	44	14	0	Cypress	sand	strati-graphic	gas
Troy Grove	Northern Illinois Gas Co.	LaSalle 34, 35N 1E	1957	1958	1959	93	25	—	Eau Claire Mt. Simon	sand	dome	water
Waterloo	Mississippi River Fuel Corp.	Monroe 1, 2S 10W	1950	1951	1951	6	6	22	Ordovician	sand & dolomite	dome	water
Waverly	Panhandle Eastern Pipeline Co.	Morgan 13N 8W	1952	1954	1961	1 47	3 18	0 19	Galesville St. Peter	sand sand	dome dome	water water

*Million cubic feet
**Current storage; ultimate capacity not available
***Includes Elmhurst Member of overlying Eau Claire Formation
†Inert gas
‡15 percent in Illinois; 85 percent in Indiana

STORAGE PROJECTS IN ILLINOIS

Reservoir data						Capacities (MMcf)*				Withdrawals (MMcf)	
Area in acres		Depth (feet)	Thickness or closure (feet)	Average porosity (%)	Average permeability (millidarcys)	Potential, cushion and working	Dec. 31, 1968		Max. vol. in storage 1968 (MMcf)	Peak daily, 1968	Total, 1968
Storage	Closure						Working	Cushion			
—	12,840	2,154	290	12.3	114	120,000	13,709	19,252	35,004	105	4,911
—	1,600	400	4–80	15.0	up to 3,000	2,000	99[illegible]	945	1,989	20.0	411
463	—	812	49	18.2	200	620	165	416	620	17.0	263
—	1,500	1,600	40	16.0	67	4,300**	2,492	1,567	4,060	60	1,178
—	16,725	1,200	150	14.5	138	100,000	—	340	340	0	0
—	1,691	1,925	145	17.5	18	5,200	725	3,900	4,970	18.1	1,041
4,222	—	350	47	21.5	216	6,529	1,357	4,636	6,529	39.4	1,976
113	—	510	28	16.0	326	148	24	116	148	7.1	53
—	3,200	800	30–120	12.0	426	9,000	2,250	2,250	4,500	80	1,270
6,750	8,000	1,750	100	18.0	467	50,000	15,741	23,283	42,976	858	17,911
7,500	8,000	2,450	80	12.0	185	67,000	17,813	30,704	54,497	148	14,357
—	3,000	2,200	58	15.0	82	20,000	—	1,441	1,441	0	0
414	28	1,125	28	20.3	458	831	466	285	831	21.4	524
—	—	810	80	20.0	—	15,000	—	200†	200	—	—
—	22,857	3,050	146	15.0	—	100,000	2,584	9,184	12,467	62.6	990
—	13,370	3,950	116	11.0	15	40,000+	3,404	28,631	33,292	200	2,255
—	1,650	1,975	90	16.5	25	5,600	1,021	4,050	5,597	27.1	1,590
—	2,600	800	38	19.0	—	4,000	0	821	821	0	0
—	3,500	3,000	100	10.0	—	40,000	3,408	4,165	7,573	3	24
—	—	700	—	—	—	55	30	15	45	1.1	19
550	650	2,860	100	14.0	400+	5,000	1,320	3,080	4,797	73	2,370
—	496	1,860	91	17.3	47	3,300	810	2,400	3,258	13.1	852
1,287	—	800	32	20.8	183	3,088	595	1,820	2,897	48.9	1,392
—	9,600	1,420	100	17.0	150	80,000	25,945	27,225	60,208	706	24,736
100	300	1,650	100	vuggy	—	250	150	100	250	16	233
—	—	3,500	68	—	—	20,000	0	253	253	0.6	0.6
1,500	7,000	1,800	115	18.0	1,220	150,000	3,453	15,000	21,147	172	7,916

TABLE 8 - ILLINOIS OIL POOL STATISTICS, 1968

Explanation of Abbreviations and Symbols

Pool: N, North; S, South; E, East; W, West; C, Consolidated; Cen, Central. Pools located in two or more counties have county names listed in order of oil discovery.

Age: PC, Precambrian; ORD, Ordovician; SHK, Shakopee; STP, St. Peter; TRN, Trenton; SIL, Silurian; DEV, Devonian; DVS, Devonian-Silurian; MIS, Mississippian; PEN, Pennsylvanian.

Kind of rock in pay zone: D, dolomite; DS, sandy dolomite; L, limestone; LS, sandy limestone; OL, oolitic limestone; S, sandstone.

ABD: Pool abandoned.

REV: Pool revived.

Structure: A, anticline; C, accumulation due to change in character of rock; D, dome; F, faulting; H, strata horizontal or nearly horizontal; L, lens; M, monocline; N, nose; R, reef; T, terrace; U, unconformity. Combinations of the letters are used when more than one factor applies.

\+ Pool listed in Table 9 (gas production).

++ Illinois portion only.

\# Acreage is included in the immediately preceding figure.

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
A8 LAKE, GALLATIN, 8S, 10E																	
			1947	80	4.8	81.3	9	0	0	3					M	MIS	2953
	PENNSYLVANIAN	805	1957	40			3	0	0				S	10	M		
	PALESTINE, MIS	1835		10			1	0	0				S	5	MF		
	WALTERSBURG, MIS	2000	1957	40			3	0	0				S	10	M		
	RENAULT, MIS	2735		20			2	0	0		35		L	8	MF		
	AUX VASES, MIS	2770		10			1	0	0		35		S	9	MF		
A8 LAKE SOUTH, GALLATIN, 9S, 10E																	
	AUX VASES, MIS	2798	1959	10 A80 1963	0.0	3.8	1	0	0	0			S	6	M	MIS	2982
*A8 LAKE WEST, GALLATIN, 8-9S, 9-10E																	
			1950	450	14.0	504.9	33	0	0	16					M	MIS	2964
	PENNSYLVANIAN	725		50			3	0	0				S	10	ML		
	WALTERSBURG, MIS	2020	1956	300			19	0	0		37		S	20	ML		
	TAR SPRINGS, MIS	2075	1958	30			2	0	0				S	10	ML		
	CYPRESS, MIS	2425		10			1	0	0				S	9	ML		
	AUX VASES, MIS	2735		160			17	0	0				S	6	ML		
	MCCLOSKY, MIS	2830		10			1	0	0				L	2	MC		
	2 OR MORE PAYS						4	0	0								
*ADEN C, WAYNE, HAMILTON, 2-3S, 7E																	
			1938	2370	411.0	11959.4	123	1	7	62					A	OEV	5434
	AUX VASES, MIS	3200		1570			54	0	4		39		S	10	A		
	OHARA, MIS	3290		2010			7	0	0		35		L	7	A		
	SPAR MTN, MIS	3320					5	0	0		35		LS	5	AC		
	MCCLOSKY, MIS	3350					79	0	5		35		L	4	A		
	SALEM, MIS	3735		50			8	0	0		36		L	16	AC		
	HARRODSBURG, MIS	4132	1959	30			2	0	1				L	16	AC		
	LINGLE, OEV	5182	1968	10			1	1	0				S	10			
	DUTCH CREEK, OEV	5318	1959	30			3	0	0				S	10	A		
	2 OR MORE PAYS						51	0	3								
ADEN EAST, WAYNE, 2S, 7E																	
	MCCLOSKY, MIS	3434	1961	10 A80 1961	0.0	0.0	1	0	0	0			DL	6		MIS	3552
*ADEN SOUTH, HAMILTON, 3S, 7E																	
			1945	330	16.1	818.4	27	1	1	15					A	DEV	5462
	AUX VASES, MIS	3245		170			9	1	0				S	8	AL		
	OHARA, MIS	3310		330			2	0	0				L	7	AC		
	SPAR MTN, MIS	3330					8	0	0				LS	8	AC		
	MCCLOSKY, MIS	3395					17	0	1		38		L	9	AC		
	2 OR MORE PAYS						10	0	0								
*AKIN, FRANKLIN, 6S, 4E																	
			1942	700	81.5	2167.2	53	0	0	30					A	MIS	3515
	CYPRESS, MIS	2840		170			11	0	0		33	0.14	S	10	AL		
	AUX VASES, MIS	3100		490			37	0	0		37	0.12	S	22	AL		
	OHARA, MIS	3100	1956	70			4	0	0		38		L	18	AC		
	MCCLOSKY, MIS	3270					1	0	0				L	9	AC		
	2 OR MORE PAYS						1	0	0								
AKIN WEST, FRANKLIN, 6S, 4E																	
			1948	120	10.1	163.2	9	0	0	7					A	OEV	5185
	CYPRESS, MIS	2715		30			2	0	0				S	8	AL		
	OHARA, MIS	3050		70			2	0	0		37		L	10	AC		
	SPAR MTN, MIS	3080					1	0	0				L	12	AC		
	MCCLOSKY, MIS	3130					3	0	0		39		L	4	AC		
	SALEM, MIS	3663	1962	10			1	0	0				L	10			
	HARRODSBURG, MIS	3994	1962	20			2	0	0		37		L	10			
	2 OR MORE PAYS						1	0	0								
ALBION CEN, EDWARDS, 2S, 10E																	
			1955	110	0.0	136.0	7	0	0	2						MIS	3510
	OHARA, MIS	3350		110			7	0	0		37		L	5			
	MCCLOSKY, MIS	3395					1	0	0				L	4			
	2 OR MORE PAYS						1	0	0								
*ALBION C +, EDWARDS, WHITE, 1-3S, 10-11E, 14W																	
			1940	5640	541.5	26842.3	479	4	16	218					AM	OEV	5185
	MANSFIELD, PEN	1650		1950			6	0	0		28		S	5	MF		
	BRIDGEPORT, PEN	1900					30	0	0		29	0.15	S	15	MF		
	BIEHL, PEN	2000					157	0	1		37	0.16	S	15	MF		
	DEGONIA, MIS	2125		10			2	0	0		35		S	9	MF		
	WALTERSBURG, MIS	2365		690			67	0	0		36		S	16	AL		
	TAR SPRINGS, MIS	2460		140			10	0	1		37		S	5	AL		
	HAROLDSBURG, MIS	2635		70			6	0	0		36		S	10	A		

TABLE 8 - ILLINOIS OIL POOL STATISTICS, 1968 - Continued

Pool, County (location by township and range (*Secondary recovery - see Part II))	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production (M bbls): During 1968	Oil production (M bbls): To end of 1968	Number of wells: Completed to end of 1968	Number of wells: Completed in 1968	Number of wells: Abandoned 1968	Number of wells: Producing end of year	Character of oil: Gr. API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, avg. thickness in feet, structure	Deepest test: Zone	Deepest test: Depth (ft)
*ALBION C +, EDWARDS, WHITE, 1-3S, 10-11E, 14W	(CONTINUED FROM PREVIOUS PAGE)														
	CYPRESS, MIS	2860		510			44	0	0		37		S 15 A		
	BETHEL, MIS	2960		890			54	3	4		35		S 14 AF		
	BENOIST, MIS	3000		170			11	0	0		34		S 13 AF		
	AUX VASES, MIS	3045		1630			112	3	4		37		S 18 A		
	OHARA, MIS	3110		1770			11	1	0		40		L 5 AC		
	SPAR MTN, MIS	3130					7	1	0		38		L 10 AC		
	MCCLOSKY, MIS	3200					100	0	7		37		L 12 AC		
	2 OR MORE PAYS						162	3	2						
*ALBION EAST, EDWARDS, 2S, 14W															
			1943	890	56.0	1453.3	64	8	0		35		A	MIS	3254
	CYPRESS, MIS	2800		160			14	2	0		32		S 7 A		
	BETHEL, MIS	2920		80			6	3	0		38		S 6 AL		
	BENOIST, MIS	2925		60			10	2	0				S 10 AC		
	AUX VASES, MIS	3020		290			17	0	0		34	0.14	S 17 AL		
	OHARA, MIS	3100		520			14	2	0				L 7 A		
	SPAR MTN, MIS	3125					7	0	0				L 7 A		
	MCCLOSKY, MIS	3155					13	0	0				L 7 A		
	2 OR MORE PAYS						22	1	1						
ALBION NORTHWEST, EDWARDS, 1S, 10E															
	MCCLOSKY, MIS	3300	1967	30	7.3	7.3	3	0	0	3			L 6	MIS	3400
ALBION WEST, EDWARDS, 3S, 10E															
	MCCLOSKY, MIS	3375	1953	10	0.0	1.4	1	0	0	0			L 5	MIS	3420
				A8D 1953											
*ALLENDALE, WABASH, LAWRENCE, 1-2N, 11-13W															
			1912	9090	346.3	21159.4	1071	7	18	379			AM	MIS	3057
	PLEASANTVIEW, PEN	660		5140			3	0					S 30 AM		
	BRIDGEPORT, PEN	1070						0					S 12 AM		
	BUCHANAN, PEN	1290						0					S 15 AM		
	BIEHL, PEN	1450					681	5			33		S 20 AM		
	JORDAN, PEN	1490					22	0					S 10 AM		
	WALTERSBURG, MIS	1540		310			28	0			31		S 15 AM		
	TAR SPRINGS, MIS	1600		240			20	0			30		S 20 AM		
	HARDINSBURG, MIS	1780		10			2	0					S 10 AM		
	CYPRESS, MIS	1920		1770			76	1			34		S 10 AM		
	SAMPLE, MIS	1769		1250			11	0					S AM		
	BETHEL, MIS	2010					95	1			35		S 10 AM		
	AUX VASES, MIS	2280		40			5	0					S 12 AM		
	OHARA, MIS	2300		760			14	0					L 10 AM		
	SPAR MTN, MIS	2300					6	0					LS 5 AM		
	MCCLOSKY, MIS	2300					23	0			36		L 8 AM		
	ST LOUIS, MIS	2275	1967	10			1	0					L 15		
	SALEM, MIS	2774	1965	40			4	0					L 10		
	WARSAW, MIS	2806	1966	20			2	0					L 12		
	2 OR MORE PAYS						21	0							
ALMA, MARION, 4N, 2E															
			1941	60	0.0	82.0	6	0	0	1			A	DEV	3692
	CYPRESS, MIS	1805		10			1	0	0				S 7 AL		
	BENOIST, MIS	1945		50			6	0	0				S 8 AL		
	SPAR MTN, MIS	2085		40			2	0	0		36	0.26	L 10 AC		
AMITY, RICHLAND, 4N, 14W															
	MCCLOSKY, MIS	2960	1942	60	1.5	43.7	4	0	0	1	36		OL 5 MC	MIS	3089
AMITY S, RICHLAND, 4N, 14W															
	SPAR MTN, MIS	2890	1953	10	0.0	0.1	1	0	0	0			L 4	MIS	3010
				A8D 1953											
AMITY W, RICHLAND, 4N, 14W															
	AUX VASES, MIS	2925	1953	10	0.0	0.0	1	0	0	0			S 12	MIS	3100
				A8D 1954											
ASHLEY, WASHINGTON, 2S, 1W															
	BENOIST, MIS	1430	1953	210	17.3	381.7	15	0	0	14	30		S 7	OEV	3116
ASHMORE E, COLES, 13N, 14W															
	PENNSYLVANIAN	415	1956	30	0.0	0.0	3	0	0				S 14	PEN	484
				A8D 1957, REV 1962											
ASHMORE S +, COLES, CLARK, 12N, 10-11E, 14W															
				290	1.5	37.2	20	1	1	17				TRN	2260
	UNNAMED, PEN	420	1958	290			19	1	1		24		S AL		
	MISSISSIPPIAN	475	1963	20			1	0	0				L 17		

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production (M bbls): During 1968	Oil production (M bbls): To end of 1968	Number of wells: Completed to end of 1968	Number of wells: Completed in 1968	Number of wells: Abandoned 1968	Number of wells: Producing end of year	Character of oil: Gr. API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, avg. thickness in feet, structure	Deepest test: Zone	Deepest test: Depth (ft)
ASSUMPTION CEN, CHRISTIAN, 13N, 1E															
	OEVONIAN	2433	1961	10	0.0	0.0	1	0	0	0			L 4	OEV	2437
				ABO 1961											
*ASSUMPTION C, CHRISTIAN, 13-14N, 1E															
			1948	2400	249.1	9322.2	183	0	7	89			A	ORD	3070
	BENOIST, MIS	1050		590			46	0	0		36		S 13 A		
	SPAR MTN, MIS	1170		220			17	0	0		40		S 4 AL		
	LINGLE, DEV	2300		2240			122	0	7		38		L 8 A		
	2 OR MORE PAYS		1963				1	0	0						
ASSUMPTION S, CHRISTIAN, 12N, 1E															
	LINGLE, DEV	2630	1951	50	0.5	17.2	3	0	0	1	39		L 15	DEV	2740
AVA-CAMPBELL HILL +, JACKSON, 7S, 3-4W															
	CYPRESS, MIS	780	1916	140	0.0		16	0	0	0			S 18 A	TRN	3582
				ABO 1943, REV 1956, ABO 1957											
BALDWIN, RANDOLPH, 4S, 6W															
	SILURIAN	1535	1954	30	0.3	9.8	3	0	0	1	32		L R	TRN	2234
*BARNHILL, WAYNE, WHITE, 2-3S, 8E															
			1939	1890	82.0	5857.9	160	0	5	35			A	DEV	5500
	AUX VASES, MIS	3325		950			75	0	5		39		S 15 AL		
	OHARA, MIS	3370		1140			8	0	0				OL 6 AC		
	SPAR MTN, MIS	3400					10	0	0				LS 9 AC		
	MCCLOSKY, MIS	3450					74	0	0		38	0.17	DL 15 AC		
	ST LOUIS, MIS	3520		10			1	0	0				L 7 AC		
	SALEM, MIS	3795		30			3	0	0		39		L 8 AC		
	2 OR MORE PAYS						12	0	0						
*BARTELSO, CLINTON, 1-2N, 3W															
			1936	570	22.7	3903.0	107	0	1	48			O	STP	4212
	CARLYLE(CYP), MIS	985		370			70	0	0		36	0.20	S 15 O		
	SILURIAN	2420		380			38	0	1		40	0.27	L 12 R		
*BARTELSO E, CLINTON, 1N, 3W															
	SILURIAN	2550	1950	210	14.8	832.7	21	0	0	18	42		L 7 R	SIL	2788
BARTELSO S, CLINTON, 1N, 3W															
	OEVONIAN	2475	1942	60	0.0	23.7	3	0	0	0	40	0.15	L 3 A	DEV	2652
				ABO 1962											
BARTELSO W, CLINTON, 1N, 3-4W															
			1945	260	2.7	69.5	19	0	0	10			A	OEV	2600
	CYPRESS, MIS	960	1945	260			16	0	0		36		S 15 A		
	SILURIAN	2439	1961	10			1	0	0				L 7 A	OEV	2600
*BEAUCOUP, WASHINGTON, 2S, 2W															
			1951	280	0.8	362.6	14	0	0	14			A	TRN	4192
	CLEAR CREEK, OEV	3050		280			14	0	0		39		L 12 A		
	TRENTON, OPO	4095		10			1	0	0				L 5 A		
	2 OR MORE PAYS						1	0	0						
*BEAUCOUP S, WASHINGTON, 2S, 2W															
	BENOIST, MIS	1430	1951	260	24.0	898.3	22	0	0	13	35		S 9 AL	OEV	3122
*BEAVER CREEK, BOND, CLINTON, 3-4N, 2-3W															
	BENOIST, MIS	1130	1942	180	4.1	241.4	17	1	1	7	34	0.25	S 6 A	SIL	2558
BEAVER CREEK N, BOND, 4N, 3W															
	BENOIST, MIS	1115	1949	80	0.0	0.7	6	0	0	1	24		S 4 A	OEV	2556
				ABO 1954, REV 1958											
*BEAVER CREEK S +, CLINTON, BOND, 3-4N, 2-3W															
			1946	570	19.3	608.2	50	0	0	27			A	SIL	2606
	CYPRESS, MIS	1005		10	0.0	0.0	1	0	0				S 20 A		
	BENOIST, MIS	1140		560	19.3	608.2	49	0	0		35		S 5 A		

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
BECKEMEYER GAS +, CLINTON, 2N, 3W																	
	CYPRESS, MIS	1070	1956	10	0.0	0.0	1	0	0	0			S	23		SIL	2730
*8ELLAIR, CRAWFORD, JASPER, 8N, 14W																	
			1907	2220			535	1	1	69					AM	MIS	2000
	(500 FT), PEN	560		2130			315	0	1		29		S	30	AM		
	(800 FT), PEN	815					76	0	0		37		S		AM		
	(900 FT), MIS	885					189	0	0		37		S		AM		
	CYPRESS, MIS	950		50			4	1	0				S	4	AM		
	BENOIST, MIS	1000		405			4	0	0				S	10	AM		
	RENAULT, MIS	830		30			6	0	0				S	5	AM		
	AUX VASES, MIS	800		220			11	0	0		38		S		AM		
	OHARA, MIS	860		30			1	0	0				L	4	A		
				SEE CLARK COUNTY DIV. FOR PRODUCTION													
8ELLE PRAIRIE, HAMILTON, 4S, 6-7E																	
			1940	290	45.7	843.8	19	0	0	8					A	OEV	5483
	AUX VASES, MIS	3250		30			3	0	0		37		S	8	AC		
	MCCLOSKY, MIS	3420		260			17	0	0		38	0.12	L	6	AC		
	2 OR MORE PAYS						1	0	0								
8ELLE PRAIRIE W, HAMILTON, 4S, 5E																	
	HARROOSBURG, MIS	4206	1959	10	0.0	0.5	1	0	0	0			L	6		MIS	4389
				A80 1960													
8ELLE RIVE, JEFFERSON, 3S, 4E																	
	MCCLOSKY, MIS	3085	1943	110	3.0	379.7	6	0	0	4	37	0.50	L	6	AC	MIS	4200
8ELLMONT, WABASH, 1S, 13-14W																	
			1951	30	0.0	73.0	4	0	0	1					M	MIS	3006
	8ETHEL, MIS	2650		10	0.0	11.0	1	0	0				S	7	ML		
	OHARA, MIS	2840		20	0.0	62.0	3	0	0		40		L	7	MC		
*8EMAN, LAWRENCE, 3N, 11W																	
			1942	530	2.7	296.9	33	0	1	11					A	MIS	2000
	AUX VASES, MIS	1805		100			8	0	1				S	20	AL		
	STE. G, MIS	1850		440			29	0	1		38		L	7	AC		
	2 OR MORE PAYS						7	0	1								
8EMAN E, LAWRENCE, 3N, 10W																	
			1947	100	1.2	116.0	7	0	1	1					A	MIS	1924
	AUX VASES, MIS	1805		30			3	0	1				S	20	AL		
	STE. G, MIS	1860		110			6	0	1				L	7	AC		
	2 OR MORE PAYS						2	0	1								
				A80 1960, REV 1965													
8ENNINGTON S, EDWARDS, 1N, 10E																	
	MCCLOSKY, MIS	3240	1944	10	0.0	10.4	1	0	0	0			L	8	MC	MIS	3420
				A80 1946													
*8ENTON, FRANKLIN, 6S, 2-3E																	
			1941	2360	366.7	39054.0	264	0	0	86					A	TRN	5250
	PENNSYLVANIAN	1700		20			2	0	0				S	9	AL		
	TAR SPRINGS, MIS	2100		2360			244	0	0		38		S	10	A		
	AUX VASES, MIS	2752	1959	300			21	0	0		38		S	15	A		
	OHARA, MIS	2804	1959	190			13	0	0				L	8	A		
	MCCLOSKY, MIS	2906	1960				5	0	0				OL	4	AC		
	ST. LOUIS, MIS	2990	1960	10			1	0	0				L	6	A		
	HARRODSBURG, MIS	3705	1960	10			1	0	0				L	5	A		
	2 OR MORE PAYS						15	0	0								
*8ENTON N, FRANKLIN, 5-6S, 2E																	
			1941	740	364.9	3115.4	73	8	2	48					A	MIS	3700
	CYPRESS, MIS	2460		100			13	0	0		35		S	17	A		
	PAINT CREEK, MIS	2501	1962	310			9	6	0				S	8			
	8ETHEL, MIS	2600					21	2	0		38	0.15	S	20	AL		
	AUX VASES, MIS	2685		180			14	3	0		39	0.15	S	10	A		
	OHARA, MIS	2730		460			13	0	0		38	0.70	L	8	A		
	SPAR MTN, MIS	2775					8	0	0		36	0.15	S	6	A		
	MCCLOSKY, MIS	2800					19	0	2		34		L	10	A		
	2 OR MORE PAYS						18	3	0								
*8ERRY, SANGAMON, 15N, 3W																	
			1961	590	41.9	419.3	38	1	2	28						SIL	1827
	DEVONIAN	1743	1962	60			2	0	1				S	4			
	SILURIAN	1736	1961	530			36	1	1				L	35			

Pool, County Location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
*BERRYVILLE C, WABASH, EDWARDS, RICHLAND, 1-2N, 14W																	
			1943	490	94.8	1096.7	27	8	0	1					M	MIS	3636
	OHARA, MIS	2900		490			6	0	0		39		L	6	MC		
	SPAR MTN, MIS	2850					10	8	0				L	12	MC		
	MCCLOSKY, MIS	2890					12	0	0		36		L	10	MC		
	2 OR MORE PAYS						1	0	0								
BESSIE, FRANKLIN, 6S, 3E																	
	OHARA, MIS	2895	1943	10	3.2	119.9	1	0	0	1	39	0.15	L	10	MC	MIS	3457
BIBLE GROVE N, EFFINGHAM, 6N, 7E																	
			1947	210	39.9	180.5	15	1	0	9					M	MIS	2999
	CYPRESS, MIS	2535		140			12	1	0		39		S	7	M		
	SPAR MTN, MIS	2835		120			1	0	0				LS	5	ML		
	MCCLOSKY, MIS	2875					3	0	0		37		L	5	M		
	2 OR MORE PAYS						1	0	0								
BIBLE GROVE S, CLAY, 5N, 7E																	
			1942	50	2.0	133.0	4	0	0	3					M	MIS	3206
	CYPRESS, MIS	2500		10			2	0	0		36		S	10	ML		
	AUX VASES, MIS	2740		40			2	0	0		38		S	10	ML		
BLACK BRANCH, SANGAMON, 15N, 4W																	
	SILURIAN	1600	1967	130	121.1	122.4	8	5	1	7			L	10		SIL	1670
*BLACKLAND, MACON, CHRISTIAN, 15N, 1E-1W																	
	SILURIAN	1935	1953	380	4.5	479.9	41	0	0	16	39		L	12	MU	ORD	3780
BLACKLAND N, MACON, 16N, 1E																	
	SILURIAN	1948	1960	230	4.6	229.7	20	0	0	9			L	11	M	SIL	2164
BLACK RIVER, WHITE, 4S, 13W																	
	CLORE, MIS	1865	1952	10	0.0	36.2	1	0	0	1			S	6		MIS	3071
BLAIRSVILLE W, HAMILTON, 4S, 7E																	
			1951	160	0.0	408.3	10	0	0	1					A	MIS	3507
	SPAR MTN, MIS	3345		160			1	0	0				L	6	AC		
	MCCLOSKY, MIS	3405					10	0	0		37		L	8	AC		
	2 OR MORE PAYS						1	0	0								
BLUFORD, JEFFERSON, 2S, 4E																	
	MCCLOSKY, MIS	3060	1961	30	13.0	110.4	2	0	0	2	38		OL	6		MIS	3833
BOGOTA, JASPER, 6N, 9E																	
			1943	190	3.7	515.9	10	0	0	2					A	MIS	3234
	SPAR MTN, MIS	3090		190			1	0	0				L	4	AC		
	MCCLOSKY, MIS	3110					9	0	0		39		L	7	A		
BOGOTA N, JASPER, 6N, 9E																	
	MCCLOSKY, MIS	3080	1949	10 ABD 1950	0.0	0.0	1	0	0	0			L	3		MIS	3547
BOGOTA S, JASPER, 5-6N, 9E																	
	MCCLOSKY, MIS	3075	1944	300	4.5	528.2	23	0	1	16	37		L	8	MC	MIS	3712
BOGOTA W, JASPER, 6N, 9E																	
	MCCLOSKY, MIS	3080	1966	10	0.0	0.0	1	0	0	1			O	6		MIS	3555
*BONE GAP C, EDWARDS, 1S, 10-11E, 14W																	
			1941	1120	36.5	2375.5	61	0	0	19					A	MIS	3350
	PENNSYLVANIAN	2110		10			1	0	0				S	8	AL		
	WALTERSBURG, MIS	2310		170			17	0	1		33		S	20	A		
	CYPRESS, MIS	2710		100			7	0	0		37		S	10	A		
	BETHEL, MIS	2880		40			3	0	0		39		S	14	AL		
	AUX VASES, MIS	3020		10			1	0	0				S	9	AL		
	OHARA, MIS	3040		840			5	1	0		34		L	5	AC		

TABLE B - ILLINOIS OIL POOL STATISTICS, 1968 - Continued

Pool, County, location by township and range (*Secondary recovery - see Part II)	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production (M bbls): During 1968	Oil production (M bbls): To end of 1968	Number of wells: Completed to end of 1968	Number of wells: Completed in 1968	Number of wells: Abandoned 1968	Number of wells: Producing end of year	Character of oil: Gr. API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, avg. thickness in feet, structure	Deepest test: Zone	Deepest test: Depth (ft)
*BONE GAP C, EDWARDS, 1S, 10-11E, 14W							(CONTINUED FROM PREVIOUS PAGE)								
	SPAR MTN, MIS	3045					5	0	0		35		L 5 AC		
	MCCLOSKY, MIS	3200					24	0	0		38	0.33	L 6 AC		
	2 OR MORE PAYS						3	1	0						
BONE GAP E, EDWARDS, 1S, 14W															
			1951	20	0.0	13.0	2	0	0	0			M	MIS	3155
	OHARA, MIS	2980		20	0.0	13.0	1	0	0				L 10 MC		
	MCCLOSKY, MIS	3050			0.0	0.0	1	0	0				L 5 MC		
				ABD 1956											
BONE GAP W, EDWARDS, 1S, 10E															
	STE. GEN, MIS	3290	1954	90	0.9	30.1	4	0	0	3			L 5	MIS	3504
				ABD 1955, REV 1954											
*BOULDER +, CLINTON, 2-3N, 2W															
			1941	580	0.0	B120.0	55	0	0	0			D	TRN	3813
	BENOIST, MIS	1190		500			33	0	0		37		S 20 O		
	GENEVA, DEV	2630		470			22	0	0		28	0.33	D 7 R		
	SILURIAN	2700		40									L		
				ABO 1965											
BOULDER E +, CLINTON, 3N, 1W															
	DEVONIAN	2850	1955	50	14.8	137.2	5	0	0	3	34		L 5	DEV	2945
*BOURBON C, DOUGLAS, 15N, 7E															
	SPAR MTN, MIS	1600	1956	930	5.9	1740.0	84	0	0	20	34		LS 12 NC	MIS	2275
BOURBON S, DOUGLAS, 15N, 7E															
	SPAR MTN, MIS	1693	1960	10	0.0	0.0	1	0	0	0			S 12 NC	MIS	1706
				ABD 1964											
BOWYER, RICHLAND, 5N, 14W															
	SPAR MTN, MIS	2883	1958	10	0.0	11.2	1	0	0	0	35		S	MIS	2950
				ABD 1967											
*BOYD, JEFFERSON, 1S, 1-2E															
			1944	1460	44.7	14656.9	120	1	0	37			A	TRN	5400
	BENOIST, MIS	2060		1450			113	0	0		35	0.14	S 19 A		
	AUX VASES, MIS	2130		620			45	0	0		39		S 15 A		
	OHARA, MIS	2230		30			24	0	0		39		L 2 AC		
	TRENTON	5000	1967	30			2	1	0						
	2 OR MORE PAYS						36	0	0						
BROUGHTON, HAMILTON, 6S, 7E															
	MCCLOSKY, MIS	3275	1951	10	0.0	5.7	1	0	0	0			L 5	MIS	3355
				ABO 1954											
BROUGHTON S, SALINE, 7S, 7E															
	MCCLOSKY, MIS	3215	1951	10	0.0	0.0	1	0	0	0			L 4	MIS	3300
				ABD 1952											
*BROWN, MARION, 1N, 1E															
	CYPRESS, MIS	1670	1910	120	3.1		12	0	0	10	36		S N	MIS	2036
*BROWNS, EDWARDS, WABASH, 1-2S, 14W															
			1943	1060	39.0	2450.7	68	0	0	35			A	DEV	5200
	BIEHL, PEN	1870	1962	10			1	0	0				S B		
	TAR SPRINGS, MIS	2365		40			1	0	0				S 14 AL		
	CYPRESS, MIS	2640		380			25	0	0		36	0.18	S 13 A		
	BETHEL, MIS	2785		80			5	0	0		35		S 12 AL		
	AUX VASES, MIS	2965		10			1	0	0				S 7 AL		
	OHARA, MIS	2965		770			13	0	2		34		L 4 AC		
	SPAR MTN, MIS	2975					1	0	0				L 3 AC		
	MCCLOSKY, MIS	3000					35	0	0		38		L 6 A		
	2 OR MORE PAYS						10	0	0						
*BROWNS E, WABASH, 1-2S, 14W															
			1946	800	24.7	2793.1	71	1	2	22				MIS	3113
	PENNSYLVANIAN	1844	1963	10			1	0	0				S		
	CYPRESS, MIS	2570	1946	790			70	1	2		36		S 13 ML		
BROWNS S, EDWARDS, 2S, 14W															
			1943	40	0.0	21.0	4	0	1	0			N	MIS	3095

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
BROWNS S, EDWARDS, 2S, 14W							(CONTINUED FROM PREVIOUS PAGE)										
	BETHEL, MIS	2850		20			2	0	1				S	15	NL		
	AUX VASES, MIS	2950		30			3	0	1				S	8	NL		
	2 OR MORE PAYS						1	0	1								
				ABD 1968													
BUCKHORN, BROWN, 1S, 4W																	
	SILURIAN	682	1961	10	0.0	0.0	1	0	0	0			0	3		SIL	700
				ABD 1964													
BUCKNER, FRANKLIN, 6S, 2E																	
	AUX VASES, MIS	2601	1963	80	7.9	15.2	5	2	0	5			S	12		MIS	3060
BULPITT S, CHRISTIAN, 13N, 3W																	
	OEV-SIL	1911	1962	60	0.0	3.4	4	0	0	2			L	15		OVS	1975
*BUNGAY C, HAMILTON, 4S, 7E																	
			1941	3250	255.0	13237.8	252	0	5	112					A	OEV	5566
	RENAULT, MIS	3270		550			22	0	2		38		S	10	AL		
	AUX VASES, MIS	3295		2730			193	0	3		39	0.24	S	15	AL		
	OHARA, MIS	3335		320			4	0	0				L	8	AC		
	SPAR MTN, MIS	3400					3	0	0				L	8	AC		
	MCCLOSKY, MIS	3425					15	0	0		34	0.24	L	8	AC		
	HARROOSBURG, MIS	4190	1959	10			1	0	0				L	10	AC		
	2 OR MORE PAYS						8	0	0								
BURNT PRAIRIE S, WHITE, 4S, 9E																	
			1947	30	0.4	28.1	4	0	0	1						MIS	3565
	AUX VASES, MIS	3330		10	0.4	11.1	1	0	0				S	24			
	OHARA, MIS	3415		30	0.0	10.0	1	0	0		38		L	5			
	MCCLOSKY, MIS	3460			0.0	7.0	2	0	0				L	4			
CALHOUN CEN, RICHLAND, 2N, 10E																	
			1950	30	0.0	0.5	3	0	0	0					M	MIS	3533
	SPAR MTN, MIS	3245		30	0.0		2	0	0				L	6	MC		
	MCCLOSKY, MIS	3280			0.0		1	0	0				L	3	MC		
				ABD 1952, REV AND ABD 1959													
*CALHOUN C, RICHLAND, WAYNE, 2-3N, 9-10E																	
			1944	1910	17.8	3963.7	104	0	0	11					A	MIS	4039
	OHARA, MIS	3140		1910			22	0	0		39		OL	9	A		
	SPAR MTN, MIS	3160					24	0	0		37		OL	6	A		
	MCCLOSKY, MIS	3180					62	0	0		39	0.15	OL	10	A		
	ST LOUIS, MIS	3370	1967	10			1	0	0				L	9			
	SALEM, MIS	3730	1967	10			1	0	0				L	8			
	2 OR MORE PAYS						15	0	0								
*CALHOUN E, RICHLAND, 2N, 10-11E																	
	MCCLOSKY, MIS	3265	1950	90	0.0	221.1	5	0	0	2	39		L	5	MC	MIS	3380
CALHOUN N, RICHLAND, 3N, 10E																	
			1944	60	3.3	78.7	3	0	0	1					A	MIS	3280
	SPAR MTN, MIS	3155		60			1	0	0				LS	10	A		
	MCCLOSKY, MIS	3170					3	0	0		36		OL	11	A		
	2 OR MORE PAYS						1	0	0								
*CALHOUN S, WAYNE, RICHLAND, EDWARDS, 1-2N, 9E																	
			1953	490	45.0	510.3	27	0	2	19						MIS	3566
	AUX VASES, MIS	3175	1953	20			2	0	0				L	5			
	OHARA, MIS	3232	1963	470			4	0	0				L	8			
	SPAR MTN, MIS	3224	1962				13	0	1				L	5			
	MCCLOSKY, MIS	3209	1961				17	0	2				OL	6			
	2 OR MORE PAYS						9	0	1								
				ABD 1953, REV 1961													
CARLINVILLE +, MACOUPIN, 9N, 7W																	
	UNNAMED, PEN	380	1909	40			8	0	0	3	28		S		A	MIS	1380
				ABD 1925, REV 1942													
CARLINVILLE N +, MACOUPIN, 10N, 7W																	
	POTTSVILLE, PEN	440	1941	100	0.0	1.0		0	0	0	20	0.35	S	10		TRV	1970
				ABD 1954													

TABLE 8 - ILLINOIS OIL POOL STATISTICS, 1968 - Continued

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
CARL INVILLE S, MACOUPIN, 9N, 7W																	
	PENNSYLVANIAN	539	1958	10	0.0	0.0	1	0	0	0			S			PEN	1020
				A80 1964													
*CARLYLE, CLINTON, 2N, 3W																	
			1911	1220	12.4	4049.1	189	0	0	24					A	STP	4120
	GOLCONDA, MIS	900		10			6	0	0				L	10	AC		
	CARLYLE(CYP), MIS	1035		1220			184	0	0		35	0.26	S	20	AL		
	2 OR MORE PAYS						1	0	0								
CARLYLE E, CLINTON, 2N, 2W																	
	8ENOIST, MIS	1197	1963	10	0.0	0.0	1	0	0	1			S	4		MIS	1245
*CARLYLE N, CLINTON, 3N, 3W																	
	8ENOIST, MIS	1150	1950	530	20.9	779.3	45	0	0	37	34		S	6	AL	OEV	2558
CARLYLE S, CLINTON, 1N, 3W																	
	CYPRESS, MIS	1075	1951	20	0.0	2.0	2	0	0	0			S	4		MIS	1194
				A80 1953													
*CARMI, WHITE, 5S, 9E																	
			1939	250	12.1	336.9	20	1	0	6					M	MIS	3546
	PENNSYLVANIAN	1210		10			1	0	0				S	10	ML		
	CYPRESS, MIS	2800		100			8	1	0		37		S	15	ML		
	AUX VASES, MIS	3145		50			5	1	0		36		S	8	ML		
	MCCLOSKY, MIS	3150		100			7	0	0		35		OL	6	MC		
	2 OR MORE PAYS						1	1	0								
				A80 1949, REV 1952													
CARMI N, WHITE, 5S, 9E																	
			1942	80	3.2	269.2	6	0	0	3					A	MIS	3452
	CYPRESS, MIS	2940		20			1	0	0		38		S	13	AF		
	SAMPLE, MIS	3080		10			1	0	0				S	12	AF		
	AUX VASES, MIS	3270		60			5	0	0		36	0.14	S	14	AF		
	2 OR MORE PAYS						1	0	0								
*CASEY, CLARK, 10-11N, 14W																	
			1906	3030			510	0	12	229					AM	TRN	2508
	UPPER GAS, PEN	265		2720			43	0			32		S		AM		
	LOWER GAS, PEN	300					86	0			30		S		AM		
	CASEY, PEN	445					371	0			35		S	10	AM		
	CARPER, MIS	1300		250			20	0			38		S	50	AM		
				SEE CLARK COUNTY DIV FOR PRODUCTION													
*CENTERVILLE, WHITE, 4S, 9E																	
			1940	190	1.5	523.6	13	0	0	1					N	MIS	3919
	AUX VASES, MIS	3240		10			1	0	0				S	6	NL		
	OHARA, MIS	3310		190			6	0	0		38		L	10	NC		
	SPAR MTN, MIS						2	0	0				L		NC		
	MCCLOSKY, MIS	3370					6	0	0		40	0.17	OL	4	NC		
	2 OR MORE PAYS						2	0	0								
*CENTERVILLE E, WHITE, 3-4S, 9-10E																	
			1941	1260	169.8	7725.8	135	0	1	61					A	MIS	3427
	PALESTINE, MIS	2225		20			2	0	0				S	3	ALF		
	TAR SPRINGS, MIS	2500		820			35	0	0		38	0.20	S	24	ALF		
	HARDINSBURG, MIS	2615		40			1	0	0				S	22	ALF		
	CYPRESS, MIS	2915		630			46	0	0		37		S	6	ALF		
	BETHEL, MIS	2990		220			20	0	0		38		S	20	ALF		
	AUX VASES, MIS	3075		530			38	0	0		36		S	21	ALF		
	OHARA, MIS	3175		320			4	0	1		36		OL	5	ACF		
	SPAR MTN, MIS	3185					1	0	0				LS	5	ACF		
	MCCLOSKY, MIS	3230					16	0	1		37		OL	7	ACF		
	2 OR MORE PAYS						19	0	1								
CENTERVILLE N, WHITE, 3S, 10E																	
	8ETHEL, MIS	2990	1947	10	0.0	0.0	1	0	0	0			S	13	ML	MIS	3290
				A8D 1948													
CENTERVILLE N E, WHITE, 3S, 10E																	
	8ETHEL, MIS	3055	1955	10	0.0	5.6	1	0	0	0			S	14		MIS	3407
				A80 1959													
*CENTRAL CITY, MARION, 1N, 1E																	
	PENNSYLVANIAN	826	1964	90	2.7	28.8	8	0	0	8			S	10		MIS	1942

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
*CENTRALIA, CLINTON, MARION- 1-2N, 1E, 1W																	
			1937	2980	550.6	54662.7	1020	0	22	271					A	ORD	4170
	PETRO, PEN	765	1958	30			4	0	0				S		A		
	CYPRESS, MIS	1200		1530			57	0	0		37	0.20	S	12	A		
	BENOIST, MIS	1355		2510			576	0	0		38	0.17	S	20	A		
	OEVONIAN	2870		2610			319	0	1		37	0.38	L	9	A		
	TRENTON, ORO	3930		1100			59	0	21		43		L	22	A		
	2 OR MORE PAYS						2	0	0								
CENTRALIA W, CLINTON, 1N, 1W																	
			1940	90	0.9	411.5	10	0	0	1					N	DEV	3021
	CYPRESS, MIS	1308	1960	10			1	0	0				S	4	N		
	BENOIST, MIS	1440	1940	90			9	0	0		38	0.17	S	9	N		
CHESTERVILLE, DOUGLAS, 15N, 7E																	
	SPAR MTN, MIS	1780	1956	50	0.4	34.7	5	0	0	37			LS	8	ML	MIS	1829
*CHESTERVILLE E, DOUGLAS, 14-15N, 7-8E																	
	SPAR MTN, MIS	1720	1957	400	39.1	1092.5	41	0	0	27	39		S	10	NC	MIS	1785
CHRISTOPHER S, FRANKLIN, 7S, 1E																	
			1964	30	1.1	9.6	3	0	1	1						MIS	2820
	AUX VASES, MIS	2620	1964	30			3	0	1		38		S	8			
	OHARA, MIS	2690	1964	30			1	0	0				L	10			
	2 OR MORE PAYS						1	0	0								
CLARK COUNTY OIV, CLARK, COLES, CRAWFORD, CUMBERLAND, JASPER																	
				26740	520.0	83069.5	5710	18	26	1796						STP	3411
	TOTALS BELLAIR CASEY JOHNSON N,S MARTINSVILLE SIGGINS WESTFIELD YORK POOLS																
CLARKSBURG, SHELBY, 10N, 4E																	
	AUX VASES, MIS	1770	1946	40	3.2	50.0	4	0	0	3	36		S	6	A	OEV	3206
*CLAY CITY C, CLAY, WAYNE, RICHLAND, JASPER, 1-7N, 1-2S, 6-11E																	
			1937	87730	7244.0	272080.7	5690	115	229	2473					A	PC	11514
	WALTERSBURG, MIS	2175		10			1	0	0				S	6	AL		
	TAR SPRINGS, MIS	2560		130			8	0	0		39		S	15	AL		
	CYPRESS, MIS	2635		7800			543	9	10		36		S	15	AL		
	BETHEL, MIS	2800		140			14	1	0		39		S	15	AL		
	AUX VASES, MIS	2940		28330			1894	51	111		38		S	15	AL		
	OHARA, MIS	3020		61180			205	8	7		38		OL	5	AC		
	SPAR MTN, MIS	3030					576	10	18		38		LS	8	AC		
	MCCLOSKY, MIS	3050					2813	56	81		39		OL	10	AC		
	ST. LOUIS, MIS	3025	1949	2180			192	16	14		39		L	3	A		
	SALEM, MIS	3590		2350			179	7	22		38		L	10	A		
	WARSAW, MIS	3600		30			3	0	0				L	17	A		
	OEVONIAN	4350		20			1	0	0				L	10	A		
	2 OR MORE PAYS						464	36	26								
CLIFFORD, WILLIAMSON, 8S, 1E																	
			1957	40	0.0	15.0	2	0	0	0						MIS	2625
	AUX VASES, MIS	2380	1957	40			2	0	0				S	7			
	SPAR MTN, MIS	2470	1957	20			1	0	0				LS	7			
	MCCLOSKY, MIS	2540	1957				1	0	0				L	5			
	2 OR MORE PAYS						1	0	0								
			ABO 1965														
*COIL, WAYNE, 1S, 5E																	
			1942	380	120.3	1805.1	24	4	0	17					A	MIS	3250
	AUX VASES, MIS	2910		300			19	0	0		39	0.12	S	10	A		
	MCCLOSKY, MIS	3065		10			1	0	0				OL	15	AC		
	ST LOUIS, MIS	3021		80			4	4	0				L	9			
COIL N, WAYNE, 1N-1S, 5E																	
	AUX VASES, MIS	2841	1958	60	15.4	151.0	6	0	1	4	39		S			MIS	3077
*COIL W, JEFFERSON, 1S, 4E																	
			1942	420	62.9	817.1	37	0	4	13					A	MIS	3389
	AUX VASES, MIS	2720		180			15	0	0		39		S	15	AL		
	OHARA, MIS	2790		220			11	0	1				L	7	AC		
	SPAR MTN, MIS	2805					2	0	0				L		AC		
	MCCLOSKY, MIS	2880					13	0	0				L	8	AC		
	ST LOUIS, MIS	3040	1967	130			13	0	2				L	7			
	SALEM, MIS	3346	1961	20			1	0	1				L	10	A		
	2 OR MORE PAYS						8	0	0								

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
COLLINSVILLE, MADISON, 3N, 8W																	
	SILURIAN	1305	1909	40	0.0	1.0	6	0	0	0			L	20	ML	STP	2177
				A80 1921													
*COLMAR-PLYMOUTH, HANCOCK-MCDONOUGH, 4-5N, 4-5W																	
	HOING, DEV	450	1914	2520	37.5	4654.8	505	2	1	196	35	0.38	S	14	AL	SHK	1095
*CONCORD C, WHITE, 6S, 10E																	
			1942	1840	61.1	7904.9	166	0	0	78					A	MIS	3138
	TAR SPRINGS, MIS	2270		350			26	0	0		36		S	11	AL		
	HAROINSBURG, MIS	2510		350			30	0	0		36		S	7	A		
	CYPRESS, MIS	2625		270			19	0	0		38		S	10	AL		
	AUX VASES, MIS	2905		670			48	0	0		36	0.15	S	14	AL		
	OHARA, MIS	2930		1080			2	0	0				L	8	AC		
	SPAR MTN, MIS	3035					3	0	0				L	8	AC		
	MCCLOSKY, MIS	2990					56	0	0		37		L	10	AC		
	2 OR MORE PAYS						16	0	0								
CONCORD E C, WHITE, 6-7S, 10E																	
			1942	420	19.5	821.0	39	0	0	20					A	MIS	3125
	WALTERSBURG, MIS	2140		40			4	0	0		37		S	10	A		
	TAR SPRINGS, MIS	2175		70			5	0	0				S	4	A		
	CYPRESS, MIS	2540		190			18	0	0		38		S	6	A		
	RENAULT, MIS	2800		20			2	0	0				L	5	A		
	AUX VASES, MIS	2825		70			7	0	0				S	12	A		
	OHARA, MIS	2895		120			3	0	0				L	5	AC		
	SPAR MTN, MIS	2895					5	0	0				S	5	AC		
	MCCLOSKY, MIS	2965					3	0	0				L	2	AC		
	2 OR MORE PAYS						7	0	0								
*COOKS MILLS C +, COLES, DOUGLAS, 13-14N, 7-8E																	
			1941	3080	58.6	2890.3	246	2	4	173					A	DEV	3059
	CYPRESS, MIS	1600		10			1	0	0				S	20	A		
	AUX VASES, MIS	1765		10			2	0	0		35		S	15	A		
	SPAR MTN, MIS	1800		3040			240	2	4		37		S	9	A		
	MCCLOSKY, MIS	1840	1955				1	0	0				L	4	A		
	CARPER, MIS	2700	1963	20			1	0	0				S	5			
	DEVONIAN	2867	1963	20			2	0	0				L	3			
	2 OR MORE PAYS						2	0	0								
*CORDES, WASHINGTON, 3S, 3W																	
	BENOIST, MIS	1260	1939	1630	133.5	9436.0	155	0	0	52	36	0.19	S	14	A	TRN	3880
CORINTH, WILLIAMSON, 8S, 4E																	
			1957	190	7.1	235.3	14	0	0	13						MIS	3550
	AUX VASES, MIS	2885		180			13	0	0		38		S	10			
	OHARA, MIS	2929		40			1	0	0				L				
	SPAR MTN, MIS	2985	1957				2	0	0				L	10			
	2 OR MORE PAYS						3	0	0								
CORINTH E, WILLIAMSON, 8S, 4E																	
	MCCLOSKY, MIS	3035	1957	10	0.0	10.6	1	0	0	0			L	10		MIS	3113
				A80 1960													
CORINTH N, WILLIAMSON, 8S, 4E																	
	AUX VASES, MIS	2935	1957	10	0.0	3.7	1	0	0	0			S	16		MIS	3180
				A80 1960													
COTTAGE GROVE, SALINE, 9S, 7E																	
	OHARA, MIS	2770	1955	10	0.0	12.5	1	0	0	0			L			MIS	2977
				A80 1963													
COULTERVILLE N, WASHINGTON, 3S, 5W																	
	SILURIAN	2290	1958	40	1.0	27.7	4	0	0	2	42		L			ORD	3204
*COVINGTON S, WAYNE, 2S, 6E																	
			1943	510	10.5	433.0	18	0	0	5					AC	DEV	5300
	MCCLOSKY, MIS	3310	1943	420			12	0	0		34	0.18	L	5	AC		
	ST. LOUIS, MIS	3361	1962	10			1	0	0		36		L	4			
	HARROOSBURG, MIS	4148	1960	80			5	0	0		36		L	12	AC		
CRAIG, PERRY, 4S, 4W																	
	TRENTON, ORD	3650	1948	10	0.0	2.9	2	0	0	0	35		L	20	A	ORD	3735
				A80 1951, REV 1965. A80 1967													

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
CRAVAT, JEFFERSON, 1S, 1E																	
	BENOIST, MIS	2070	1939	120	1.5	372.6	11	0	0	6	34	0.23	S	10	A	OEV	3850
CRAVAT W, JEFFERSON, 1S, 1E																	
			1956	140	4.1	114.8	15	0	0	14						MIS	2382
	PENNSYLVANIAN	1045	1956	130	4.1	114.8	14	0	0		33		S	10			
	BETHEL, MIS	2070	1960	10	0.0	0.0	1	0	0				S	10			
CROSSVILLE, WHITE, 4S, 10E																	
			1946	110	0.0	16.0	11	0	0	0					M	MIS	3283
	BETHEL, MIS	2880		40	0.0		3	0	0				S	9	ML		
	AUX VASES, MIS	3030	1956	30	0.0		3	0	0				S	20	ML		
	OHARA, MIS	3100		80	0.0		1	0	0				L	3	MC		
	MCCLOSKY, MIS	3120			0.0		4	0	0				L	5	MC		
	2 OR MORE PAYS						1	0	0								
				A80 1952, REV 1956, A80 1958													
*CROSSVILLE W, WHITE, 4S, 10E																	
			1952	230	6.4	358.4	16	1	0	9					M	MIS	3292
	AUX VASES, MIS	3030		130			9	0	0		35		S	8	ML		
	OHARA, MIS	3110	1958	140			1	0	0		37		L		M		
	SPAR MTN, MIS	3102	1958				2	1	0				L		M		
	MCCLOSKY, MIS	3185	1956				7	0	0		38		L		MC		
	2 OR MORE PAYS						2	0	0								
				A80 1953, REV 1956													
DAHLGREN, HAMILTON, 3S, 5E																	
			1941	610	1.1	1203.2	44	0	0	2					A	OEV	5299
	MCCLOSKY, MIS	3300		610	1.1	1201.2	43	0	0		37	0.16	L	11	A		
	HARRODSBURG, MIS	4110	1956	10	0.0	2.0	1	0	0				L	15	A		
DAHLGREN W, JEFFERSON, 4S, 4E																	
	HARRODSBURG, MIS	4019	1960	20	0.0	30.5	2	0	0	0			L	6		OEV	5245
				A80 1966													
*DALE C, FRANKLIN, HAMILTON, SALINE, 5-7S, 4-7E																	
			1940	18130	3370.8	91893.7	1592	13	66	712					A	PC	13051
	TAR SPRINGS, MIS	2430		480			41	0	0		33		S	25	A		
	HAROINSBURG, MIS	2480		120			12	0	0		38		S	10	A		
	CYPRESS, MIS	2700		1530			122	4	4		39		S	15	A		
	BETHEL, MIS	2975		3420			283	2	11		38	0.19	S	18	A		
	AUX VASES, MIS	3150		16290			1291	8	56		37	0.15	S	20	A		
	OHARA, MIS	3110		3740			105	2	2		38	0.22	L	10	A		
	SPAR MTN, MIS	3130					14	0	1		38		LS	7	A		
	MCCLOSKY, MIS	3150					146	0	2		36	0.19	L	7	A		
	ST. LOUIS, MIS	3163	1965	40			4	2	0				L				
	2 OR MORE PAYS						182	4	10								
OECATUR, MACON, 16-17N, 2E																	
	SILURIAN	2000	1953	110	0.0	15.0	6	0	0	0	47		L	7	MJ	ORD	2800
				A80 1959													
OECATUR N, MACON, 17N, 3E																	
	SILURIAN	2200	1954	10	0.0	0.1	1	0	0	0			L	10	MU	SIL	2240
				A80 1955													
*OEERING CITY, FRANKLIN, 7S, 3E																	
			1957	110	2.0	266.7	8	0	0	7						MIS	3146
	AUX VASES, MIS	2810	1957	80			6	0	0		38		S	20			
	MCCLOSKY, MIS	2913	1963	30			2	0	0		34		OL	4			
*DIVIDE C, JEFFERSON, 1S, 3-4E																	
			1943	3620	367.4	9111.1	245	5	10	144					A	OEV	4700
	AUX VASES, MIS	2620		170			10	0	0		38		S	10	AL		
	OHARA, MIS	2700		2540			8	0	0				L	10	AC		
	SPAR MTN, MIS	2700					20	0	1		38		LS	6	A		
	MCCLOSKY, MIS	2750					152	2	5		37	0.21	L	6	AC		
	ST. LOUIS, MIS	2840	1955	230			24	2	4		37		L	7	AC		
	SALEM, MIS	3190	1960	1020			69	2	5		37		L	10	AC		
	2 OR MORE PAYS						31	1	5								
DIVIDE S, JEFFERSON, 2S, 3-4E																	
	MCCLOSKY, MIS	2880	1948	300	1.9	491.2	16	0	0	3	34		L	5		MIS	3575
DIX S, JEFFERSON, 1S, 2E																	
	BENOIST, MIS	1950	1941	20	0.0	13.4	2	0	0	0			S	8	N	MIS	2283
				A80 1946													

TABLE B - ILLINOIS OIL POOL STATISTICS, 1968 - Continued

Pool, County, location by township and range (*Secondary recovery - see Part II) / Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production (M bbls): During 1968	Oil production (M bbls): To end of 1968	Number of wells: Completed to end of 1968	Number of wells: Completed in 1968	Number of wells: Abandoned 1968	Number of wells: Producing end of year	Character of oil: Gr. API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, avg. thickness in feet, structure	Deepest test: Zone	Deepest test: Depth (ft)
*DOLLVILLE, SHELBY, 12N, 2E														
BETHEL, MIS	1509	1961	90	5.7	24.8	5	0	0	3	35		S 4	MIS	1600
OUBOIS CEN, WASHINGTON, 3S, 1W														
		1954	130	10.2	172.1	12	0	0	9				DEV	3100
BENOIST, MIS	1335	1955	110			12	0	0		30		S 12		
SPAR MTN, MIS	1530	1954	70			3	0	0				L 8		
2 OR MORE PAYS						2	0	0						
*OUBOIS C, WASHINGTON, 3S, 1-2W														
		1939	1400	67.5	1643.9	116	5	0	99			A	ORO	4217
CYPRESS, MIS	1230		990			78	5	0		37		S 10	AL	
BENOIST, MIS	1325		460			40	0	0		30	0.26	S 10	AL	
2 OR MORE PAYS						2	0	0						
*OUOLEY, EOGAR, 13-14N, 13W														
		1948	650	97.5	1350.7	89	D	D	76			M	STP	2997
UPPER DUOLEY, PEN	310		650			23	0	0		25		S 20	ML	
LOWER DUOLEY, PEN	410					66	0	0		24		S 50	ML	
DUOLEYVILLE E, BOND, 4-5N, 2-3W														
DEVONIAN	2370	1954	20 A80 1961	0.0	2.8	2	0	D	0			L 5	ORD	3397
OUPO, ST. CLAIR, 1N, 1S, 10W														
TRENTON, ORO	700	1928	B80			321	0	0	28	33	0.70	L 50 A	ORO	1800
EBERLE, EFFINGHAM, 6N, 6E														
		1947	150	0.3	112.9	9	0	0	0			N	MIS	2882
CYPRESS, MIS	2475		60			3	0	0		37		S 10	NL	
SPAR MTN, MIS	2680		110			2	D	D				LS 5	NC	
MCCLOSKY, MIS	2820		A80 1967			4	0	0		38		L 7	N	
EDINBURG, CHRISTIAN, 14N, 3W														
LINGLE, DEV	1810	1949	10 A80 1951	0.0	0.0	1	0	0	0			L 2	A DEV	1853
EDINBURG S, CHRISTIAN, 14N, 3W														
HIBBARD, DEV	1795	1955	20 A80 1963	0.0	4.4	2	0	0	0			LS 13	SIL	1902
*EDINBURG W, CHRISTIAN, SANGAMON, 14N, 3-4W														
		1954	1500	37.7	2565.5	112	0	3	77			A	ORO	2285
DEVONIAN	1660		50			6	0	0		41		S 6	A	
SILURIAN	1690		1470			108	0	3		41		L 8	A	
2 OR MORE PAYS						2	0	0						
ELBA, GALLATIN, 8S, 8E														
		1955	210	0.0	25.0	13	0	0	0				MIS	2991
CYPRESS, MIS	2617	1958	10			1	D	D				S		
BETHEL, MIS	2660		80			3	0	0				S 10		
RENAULT, MIS	2770		10			1	0	0				L 3		
AUX VASES, MIS	2780		120			5	0	0				S 5		
OHARA, MIS	2820	1955	40			3	0	0				L 11		
2 OR MORE PAYS			A80 1960			3	0	0						
*ELBRIDGE, EOGAR, 12-13N, 11W														
		1949	440	4.3	1491.2	40	0	0	19			O	TRN	3300
PENNSYLVANIAN	760		10			2	0	0				S 3	O	
FREDONIA, MIS	950		430			37	0	0		35		L 3	D	
DEVONIAN	1950	1949	20			2	0	0				L 20	O	
*ELDORADO C +, SALINE, 8S, 6-7E														
		1941	3450	842.2	9341.0	289	0	30	141			A	MIS	3606
PALESTINE, MIS	1920		360			24	0	1		36		S 20	AL	
WALTERSBURG, MIS	2125		1930			144	0	26		38		S 25	AL	
TAR SPRINGS, MIS	2200		260			19	0	0		37		S 15	AL	
HAROINSBURG, MIS	2350		290			30	0	0		38		S 8	AL	
CYPRESS, MIS	2575		270			19	0	3		37		S 8	AL	
SAMPLE, MIS	2680		70			6	0	D				S 18	AL	
BENOIST, MIS	2778	1962				1	0	0				S 10		
AUX VASES, MIS	2900		890			64	0	1		37		S 12	AL	

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production (M bbls): During 1968	Oil production (M bbls): To end of 1968	Number of wells: Completed to end of 1968	Number of wells: Completed in 1968	Number of wells: Abandoned 1968	Number of wells: Producing end of year	Character of oil: Gr. API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, avg. thickness in feet, structure	Deepest test: Zone	Deepest test: Depth (ft)
*ELDORADO C +, SALINE, 8S, 6-7E	(CONTINUED FROM PREVIOUS PAGE)														
	OHARA, MIS	2900		90			3	0	0				L 5 AC		
	SPAR MTN, MIS	2900					2	0	0				LS 4 AC		
	MCCLOSKY, MIS	2975					2	0	0		34	0.14	L 5 AC		
	2 OR MORE PAYS						16	0	1						
*ELDORADO E +, SALINE, 8S, 7E															
			1953	400	6.8	382.3	27	0	1	11			A	MIS	3665
	PALESTINE, MIS	1915		30			2	0	0				S 10 AL		
	TAR SPRINGS, MIS	2190		30			2	0	0				S 10 AL		
	CYPRESS, MIS	2515		30			3	0	0				S 20 AL		
	AUX VASES, MIS	2885		340			20	0	1		38		S 6 AL		
	SPAR MTN, MIS	2975		10			1	0	0				L 4 AC		
	2 OR MORE PAYS						1	0	0						
ELDORADO W +, SALINE, 8S, 6E															
			1955	50	0.0	46.0	6	0	0	1				MIS	3138
	PALESTINE, MIS	1940	1956	40			3	0	0				S 18		
	RENAULT, MIS	2910	1955	20			2	0	0				L 5		
	AUX VASES, MIS	2960		20			2	0	0				L 6		
	2 OR MORE PAYS		1955				1	0	0						
ELK PRAIRIE, JEFFERSON, 4S, 2F															
			1938	20	4.5	35.1	2	0	0	1				MIS	3470
	MCCLOSKY, MIS	2735	1938	20			2	0	0				L 7		
	SALEM, MIS	3076	1960	10			1	0	0				L 8		
	2 OR MORE PAYS		1960				1	0	0						
				ABD 1940, REV 1960											
ELKTON, WASHINGTON, 2S, 4W															
	BAILEY, DEV	2340	1955	40	0.0	2.6	2	0	0	0			L 30	DEV	2485
				ABD 1960											
ELKVILLE, JACKSON, 7S, 1W															
	BENOIST, MIS	2000	1941	10	0.0	4.0	1	0	0	0	36	0.22	S 10	MIS	2387
*ELLERY E, EDWARDS, 2S, 10E															
			1952	310	1.7	941.6	25	0	0	1			M	MIS	3823
	AUX VASES, MIS	3180		180			13	0	0		39		S 35 ML		
	OHARA, MIS	3255		190			11	0	0		37		L 6 MC		
	SPAR MTN, MIS	3255					3	0	0				L 4 MC		
ELLERY N, EDWARDS, WAYNE, 2S, 9-10E															
			1942	90	1.1	31.2	7	0	1	1			M	MIS	3795
	BETHEL, MIS	3100		20			2	0	0				S 35 ML		
	AUX VASES, MIS	3230		10			1	0	0				S 12 ML		
	SPAR MTN, MIS	3345		70			4	0	0				S 8 ML		
	MCCLOSKY, MIS	3420					2	0	0		37	0.19	L 7 MC		
	ST LOUIS, MIS	3438		10			1	0	1				L 6		
	2 OR MORE PAYS						1	0	0						
				ABD 1943, REV AND ABD 1951, REV 1954											
ELLERY S, EDWARDS, 2-3S, 10E															
			1943	90	0.0	173.0	9	0	0	0			M	MIS	3434
	AUX VASES, MIS	3200		30		35.0	5	0	0				S 15 ML		
	MCCLOSKY, MIS	3300		60		138.0	4	0	0		38		L 9 MC		
				ABD 1952, REV 1953, ABD 1959, REV AND ABD 1960											
ELLIOTTSTOWN, EFFINGHAM, 7N, 7E															
	SPAR MTN, MIS	2730	1947	10	0.0	13.7	1	0	0	0			S 8 HL	MIS	2884
				ABD 1951											
ELLIOTTSTOWN E, EFFINGHAM, 7N, 7E															
			1954	90	4.2	90.8	7	1	0	3				MIS	3292
	CYPRESS, MIS	2485	1954	10			1	0	0				S 5 HL		
	SPAR MTN, MIS	2750	1962	80			3	1	0				L 10		
	MCCLOSKY, MIS	2771	1962				3	0	0				L 8		
				ABD 1956, REV 1962											
*ELLIOTTSTOWN N, EFFINGHAM, 7N, 7E															
			1953	300	50.5	208.8	18	2	1	15				MIS	3100
	CYPRESS, MIS	2430	1953	20			2	0	0				S 4 HL		
	AUX VASES, MIS	2710	1966	10			1	0	0				S 2		
	SPAR MTN, MIS	2666	1964	260			2	0	0				L 3		
	MCCLOSKY, MIS	2738	1964				13	2	1				OL 17		
				ABD 1958, REV 1964											
ENERGY, WILLIAMSON, 9S, 2E															
	AUX VASES, MIS	2354	1968	10	14.6	14.6	3	3	0	3			S 16	MIS	2694

TABLE 8 - ILLINOIS OIL POOL STATISTICS, 1968 - Continued

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure		Zone	Depth (ft)
*ENFIELD, WHITE, 5S, 8E																
			1950	380	41.4	963.3	22	0	2	7				A	MIS	4259
	AUX VASES, MIS	3250		220			13	0	2		39		S 10	AL		
	OHARA, MIS	3310		160			4	0	0				L 4	AC		
	MCCLOSKY, MIS	3385					5	0	0		37		L 8	AC		
				ABD 1951, REV 1952												
ENFIELD S, WHITE, 6S, 8E																
			1961	30	0.0	0.0	2	0	0	0					MIS	3314
	AUX VASES, MIS	3174	1961	10			1	0	0				S 2			
	MCCLOSKY, MIS	3277	1961	30			2	0	0				L 6			
	2 OR MORE PAYS		1961				1	0	0							
				ABD 1963												
EVERS, EFFINGHAM, 8N, 7E																
			1948	70	1.4	106.6	5	0	0	2				A	MIS	2808
	SPAR MTN, MIS	2610		70			3	0	0		39		L 7	AL		
	MCCLOSKY, MIS	2660					2	0	0				L 4	AC		
				ABD 1949, REV 1953												
EVERS S, EFFINGHAM, 7N, 7E																
	SPAR MTN, MIS	2650	1948	10	0.0	2.4	1	0	0	0			LS 8	AC	MIS	2794
				ABD 1951												
EWING, FRANKLIN, 5S, 3E																
			1944	170	0.1	513.8	8	0	0	2				A	MIS	3877
	AUX VASES, MIS	2835		10	0.0	57.0	1	0	0		37		S 8	AL		
	MCCLOSKY, MIS	2970		160	0.1	456.8	7	0	0		34		L 7	A		
EWING E, FRANKLIN, 5S, 3E																
	OHARA, MIS	3010	1956	10	0.0	0.0	1	0	0	0			L 10		MIS	3292
				ABD 1965												
EXCHANGE, MARION, 1N, 3E																
			1943	30	0.0	68.3	2	0	0	0				M	MIS	2965
	OHARA, MIS	2695		30			1	0	0		37		L 10	MC		
	MCCLOSKY, MIS	2730					2	0	0		37		L 8	MC		
				ABD 1967												
*EXCHANGE E, MARION, 1N, 4E																
			1955	230	16.4	502.1	16	0	0	12					MIS	3006
	OHARA, MIS	2775	1955	220			1	0	0				L 14			
	SPAR MTN, MIS	2780					7	0	0		37		S 11			
	MCCLOSKY, MIS	2840					6	0	0				L 4			
	ST. LOUIS, MIS	2940	1955	10			1	0	0				L 3			
	2 OR MORE PAYS						1	0	0							
*EXCHANGE N C, MARION, 1N, 3-4E																
			1951	210	69.6	314.6	23	2	0	20				MC	MIS	3194
	SPAR MTN, MIS	2682	1967	200			1	0	0				L 3			
	MCCLOSKY, MIS	2763	1951				21	2	0				L 6	MC		
	SALEM	3080	1967	10			1	0	0				L 11	MC		
				ABD 1952, REV 1955, ABD 1959, REV 1965												
*EXCHANGE W, MARION, 1N, 3E																
			1957	300	20.8	69.1	24	6	3	21					MIS	3008
	OHARA, MIS	2540	1966	220			1	0	1				L 7			
	SPAR MTN, MIS	2570	1966				9	3	2				S 6			
	MCCLOSKY, MIS	2650	1957				11	2	0				L 5			
	ST LOUIS, MIS	2720	1967	120			7	2	1				L 11			
	2 OR MORE PAYS						3	1	1							
*FAIRMAN, MARION, CLINTON, 3N, 1E, 1W																
			1939	610	19.2	1993.8	58	0	3	16				A	ORD	4100
	BENOIST, MIS	1435	1939	480			44	0	0		35	0.27	S 10	A		
	TRENTON, ORD	3950	1957	230			14	0	0		42		L 20	A		
FANCHER, SHELBY, 10N, 4E																
	BENOIST, MIS	1749	1962	10	0.0	0.0	1	0	0	0			S 3		MIS	1989
				ABD 1962												
FEHRER LAKE, GALLATIN, 9S, 10E																
	AUX VASES, MIS	2672	1963	10	0.0	4.7	1	0	0	0			L 8		MIS	2795
				ABD 1966												
FITZGERRELL, JEFFERSON, 4S, 1E																
			1944	10	0.0	16.0	1	0	0	0					MIS	3012
	BENOIST, MIS	2760		10			1	0	0				S 5			

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
FITZGERRELL, JEFFERSON, 4S, 1E							(CONTINUED FROM PREVIOUS PAGE)										
	AUX VASES, MIS	2800		10			1	0	0				S				
				ABD 1952													
*FLORA S, CLAY, 2N, 6E																	
	MCCLOSKY, MIS	2985	1946	60	0.0	168.0	4	0	0	0	39		L	6	AC	MIS	3361
				ABD 1961													
FORSYTH, MACON, 17N, 2E																	
	SILURIAN	2118	1963	30	2.3	13.8	3	0	0	3			L	14		SIL	2220
FRANCIS MILLS, SALINE, 7S, 7E																	
	CYPRESS, MIS	2675	1952	10	1.1	93.9	1	0	0	1			S	5		MIS	3238
FRANCIS MILLS S, SALINE, 7S 7E																	
			1955	20	0.0	5.6	2	0	0	0						MIS	3180
	OHARA, MIS	3010	1955	20		5.6	2	0	0				L	11			
	SPAR MTN, MIS	3042	1962			0.0	1	0	0				L	6			
				ABD 1957, REV AND ABD 1962													
FREEBURG +, ST. CLAIR, 1-2S, 7W (NOW FREEBURG GAS STORAGE PROJECT)																	
	CYPRESS, MIS	380	1955	20	0.0		2	0	0	0			S	30		ORD	2000
FREEMANSPUR, WILLIAMSON, 8S, 2E																	
	AUX VASES, MIS	2500	1968	30	0.8		08 1	1	0	1			S	13		MIS	2740
FRIENDSVILLE CEN, WABASH, IN, 13W																	
	BETHEL, MIS	2330	1946	50	0.0	31.0	5	0	0	0	35		S	15	MC	MIS	2630
				ABD 1956													
*FRIENDSVILLE N, WABASH, IN, 12-13W																	
			1946	220	2.8	244.7	20	0	1	7					MC	MIS	2592
	BIEHL, PEN	1620	1946	220			19	0	1		34		S	12	MC		
	BETHEL, MIS	2308	1959	10			1	0	0				S	11	M		
FROGTOWN, CLINTON, 2N, 3-4W																	
	CARLYLE(CYP), MIS	950	1918	90	0.0		14	0	0	0	32		S	7	ML	TRN	3290
				ABD 1933, REV 1949, ABD 1956													
*FROGTOWN N, CLINTON, 2-3N, 3-4W																	
			1951	420	26.8	1976.2	34	0	1	19					D	SIL	2455
	ST. LOUIS, MIS	1200	1951	60			5	0	0		35		L	10	D		
	DEV-SIL	2250		350			29	0	1		35		L	9	R		
GAROS POINT C, WABASH, 1N, 14W																	
	OHARA, MIS	2870	1951	650	10.9	842.9	36	0	1	27	40		L	6	MC	MIS	3340
GAYS, MCULTRIE, 12N, 6E																	
			1946	90	3.5	77.9	6	0	0	2					M	DEV	3305
	AUX VASES, MIS	1970		80			5	0	0		36		S	5	ML		
	CARPER, MIS	2963	1963	10			1	0	0				S	16			
	DEVONIAN	3205	1955	10			1	0	0				L	3	MC		
	2 OR MORE PAYS						1	0	0								
				ABD 1950, REV 1955													
*GERMANTOWN E, CLINTON, 1-2N, 4W																	
	SILURIAN	2350	1956	380	37.1	1793.6	27	0	0	26	39		L	30	R	TRN	3310
*GILA, JASPER, 7-8N, 9E																	
	MCCLOSKY, MIS	2850	1957	430	10.0	1025.1	23	0	2	17	39		OL	3	MC	MIS	2971
GILLESPIE-WYEN, MACOUPIN, 8N, 6W																	
	UNNAMED, PEN	650	1915	70	0.4		23	0	0	2	28		S		T	ORO	2560
GLENARM, SANGAMON, 14N, 5W																	
	SILURIAN	1680	1955	130	2.2	52.5	9	0	0	4			L	9		SIL	1821
				ABD 1957, REV 1959, ABD 1960, REV 1951													
*GOLDENGATE C, WAYNE, WHITE, EDWARDS, 2-4S, 9-10E																	
			1938	6700	274.5	16154.8	478	0	13	251					A	DEV	5522

TABLE 8 - ILLINOIS OIL POOL STATISTICS, 1968 - Continued

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production (M bbls): During 1968	Oil production (M bbls): To end of 1968	Number of wells: Completed to end of 1968	Number of wells: Completed in 1968	Number of wells: Abandoned 1968	Number of wells: Producing end of year	Character of oil: Gr. API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, avg. thickness in feet, structure	Deepest test: Zone	Deepest test: Depth (ft)
*GOLOENGATE C, WAYNE, WHITE, EDWARDS, 2-4S, 9-10E	(CONTINUED FROM PREVIOUS PAGE)														
	CYPRESS, MIS	2942	1960	90			4	0	0		36		S 8 A		
	BETHEL, MIS	3110		350			21	0	0		37		S 11 HL		
	AUX VASES, MIS	3180		3390			178	0	9		40	0.14	S 15 AL		
	OHARA, MIS	3250		4070			48	0	0		39		OL 6 AC		
	SPAR MTN, MIS	3275					66	0	4		38		LS 7 AC		
	MCCLOSKY, MIS	3310					146	0	3		36	0.19	OL 7 AC		
	ST. LOUIS, MIS	3430		20			3	0	0				L 10 HL		
	HARRODSBURG, MIS	4125	1961	30			3	0	0		39		L 9 A		
	DUTCH CREEK, OEV	5346	1961	350			16	0	0		39		S 10		
	2 OR MORE PAYS						103	0	2						
GOLOENGATE E, WAYNE, 3S, 9E															
	OHARA, MIS	3290	1951	10 ABD 1957, REV 1968	3.1	8.1	1	0	0	0			L 3	MIS	3420
GOLOENGATE N C, WAYNE, 1-2S, 8-9E															
			1945	530	20.2	648.6	43	0	1	25			M	MIS	3509
	BETHEL, MIS	3095		10			2	0	0				S 3 ML		
	AUX VASES, MIS	3235		360			27	0	0		38		S 25 ML		
	OHARA, MIS	3300		280			6	0	0		37		L 4 MC		
	SPAR MTN, MIS	3325					9	0	1		37		L 5 MC		
	MCCLOSKY, MIS	3350					10	0	0		39		L 5 MC		
	2 OR MORE PAYS						13	0	0						
GRANOVIEW +, EDGAR, 12-13N, 13W															
	PENNSYLVANIAN	560	1945	70	0.0	4.0	6	0	0	4	30		S 10 M	IRD	2694
GRAYSON, SALINE, 8S, 7E															
			1957	30	0.9	21.5	3	0	0	1				MIS	3045
	CYPRESS, MIS	2515		10			1	0	0				S 5		
	AUX VASES, MIS	2913	1961	10			1	0	0				L 4		
	MCCLOSKY, MIS	2920		20			1	0	0				L 6		
	2 OR MORE PAYS						1	0	0						
GREENVILLE GAS +, BOND, 5N, 3W															
	LINGLE, OEV	2240	1957	10 ABD 1958	0.0	0.0	1	0	0	0			L 5 A	IRN	3184
*HALF MOON, WAYNE, 1S, 9E															
			1947	1170	127.8	2835.1	62	0	0	43			M	OEV	5369
	AUX VASES, MIS	3190		20			1	0	0		38		S 18 ML		
	OHARA, MIS	3280		1160			36	0	0		40		L 11 MC		
	SPAR MTN, MIS	3280					10	0	0				L 4 MC		
	MCCLOSKY, MIS	3300					21	0	0		37		L 10 MC		
	2 OR MORE PAYS						6	0	0						
*HARCO +, SALINE, 8S, 5E															
			1954	1000	31.0	1388.9	83	2	3	39				MIS	3424
	HARCINSBURG, MIS	2330	1956	10			1	0	0				S 6		
	CYPRESS, MIS	2618	1959	10			1	0	0				S 3		
	SAMPLE, MIS	2675		20			3	0	0				S 8		
	AUX VASES, MIS	2860		900			68	2	7		41		S 15		
	OHARA, MIS	2965		210			6	0	2				L 10		
	SPAR MTN, MIS	2970					7	0	2		39		LS 10		
	2 OR MORE PAYS						3	0	1						
*HARCO E +, SALINE, 8S, 5E															
			1955	250	2.3	303.5	22	0	0	1				MIS	3031
	CYPRESS, MIS	2575	1955	70			6	0	0		38		S 20		
	AUX VASES, MIS	2865	1956	200			12	0	0		38		S 8		
	OHARA, MIS	2880		30			2	0	0				L 14		
	2 OR MORE PAYS						1	0	0						
*HARRISBURG +, SALINE, 8S, 6E															
			1954	100	3.5	246.9	10	0	3	2				MIS	2930
	WALTERSBURG, MIS	2020	1955	90			9	0	3		38		S 14		
	TAR SPRINGS, MIS	2115		10			1	0	0				S 6		
HARRISBURG S, SALINE, 9S, 6E															
	CYPRESS, MIS	2300	1955	10 ABD 1956	0.0	0.0	1	0	0	0			S	MIS	2352
HARRISTOWN, MACON, 16N, 1E															
	SILURIAN	2050	1954	190	2.9	169.7	12	0	0	5	39		L 3 MU	SIL	2117

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production (M bbls): During 1968	Oil production (M bbls): To end of 1968	Number of wells: Completed to end of 1968	Number of wells: Completed in 1968	Number of wells: Abandoned 1968	Number of wells: Producing end of year	Character of oil: Gr. API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, avg. thickness in feet, structure	Deepest test: Zone	Deepest test: Depth (ft)
HAYES, DOUGLAS, CHAMPAIGN, 16N, 8E															
	TRENTON	893	1963	480	15.4	109.3	43	1	0	42	31		L	CAM	3430
*HERALD C +, WHITE, GALLATIN, 6-8S, 9-10E															
			1939	6290	380.5	14886.2	537	4	7	271			A	MIS	4055
	PENNSYLVANIAN	1060		340			1	0	0		29		S 10 AL		
	PENNSYLVANIAN	1500					20	0	0		36		S 15 AL		
	PENNSYLVANIAN	1750					5	0	0		29		S 18 AL		
	DEGONIA, MIS	1920		80			3	0	0		36		S 12 AL		
	CLORE, MIS	1965		60			2	0	0				S 10 AL		
	PALESTINE, MIS	1940		10			2	0	0				S 20 AL		
	WALTERSBURG, MIS	2240		520			43	2	0		33		S 10 A		
	TAR SPRINGS, MIS	2260		690			53	0	2		38	0.24	S 13 A		
	CYPRESS, MIS	2660		1890			157	1	3		33	0.22	S 14 A		
	BETHEL, MIS	2790		180			19	0	0		37		S 11 AL		
	AUX VASES, MIS	2920		3040			228	0	2		38		S 6 AL		
	OHARA, MIS	2965		520			8	0	0		37		L 6 AC		
	SPAR MTN, MIS	3005					7	0	0				L 4 AC		
	MCCLOSKY, MIS	3010					24	1	0		35		L 10 AC		
	2 OR MORE PAYS						26	0	0						
HERRIN, WILLIAMSON, 8S, 2E															
	CYPRESS, MIS	2221	1965	10	0.0	2.0	1	0	0	1	38		S 9	MIS	2682
*HICKORY HILL, MARION, 1N, 4E															
			1964	60	2.0	18.7	4	0	0	1				MIS	3010
	CYPRESS, MIS	2478	1964	10			1	0	0				S 10		
	BENOIST, MIS	2645	1964	20			2	0	0				S 7		
	SPAR MTN, MIS	2833	1964	10			1	0	0				S 5		
HIDALGO, JASPER, 8N, 10E															
	MCCLOSKY, MIS	2575	1940	50	2.7	14.5	5	0	0	1	37	0.20	L 4 MC	DEV	4246
				ABD 1952, REV 1965											
HIDALGO E, JASPER, 8N, 10E															
	MCCLOSKY, MIS	2467	1966	10	1.5	5.0	1	0	0	1			D 6	MIS	2747
HIDALGO N, CUMBERLAND, 9N, 9E															
			1946	220	3.5	75.6	16	0	0	11				MIS	2807
	SPAR MTN, MIS	2655	1946	220			9	0	0		37		S 12		
	MCCLOSKY, MIS	2676	1959				10	0	0		37		OL 9		
	2 OR MORE PAYS						3	0	0						
HIDALGO S, JASPER, 8N, 10E															
	MCCLOSKY, MIS	2628	1964	50	0.0	2.6	4	0	0	3			D 4	MIS	3040
HIGHLAND, MADISON, 4N, 5W															
	HARDIN, DEV	1941	1960	10	0.0	0.0	1	0	0	0			S 7 U	DEV	1983
				ABD 1962											
HILL, EFFINGHAM, 6N, 6E															
	MCCLOSKY, MIS	2565	1943	40	0.0	41.0	2	0	0	0	39		L 5 N	MIS	2963
				ABD 1950											
*HILL E, EFFINGHAM, 6N, 6E															
			1954	480	15.4	1217.2	37	0	3	6				MIS	3251
	CYPRESS, MIS	2460	1955	290			26	0	1		37		S 8		
	AUX VASES, MIS	2650	1957	10			1	0	1				S 10		
	SPAR MTN, MIS	2660		240			2	0	0				L 5		
	MCCLOSKY, MIS	2700					8	0	1		40		L 7		
	ST. LOUIS, MIS	2929	1966	10			1	0	0				D 14		
	2 OR MORE PAYS						1	0	0						
HILLSBORO, MONTGOMERY, 9N, 3W															
	LINGLE, DEV	2012	1962	30	0.0	0.2	3	0	1	0			S 4	DEV	2153
				ABD 1967											
HOFFMAN, CLINTON, 1N, 2W															
			1939	350	2.9	785.2	52	0	0	29			A	DEV	2914
	CYPRESS, MIS	1190		180			15	0	0		36		S 11 A		
	BENOIST, MIS	1320		240			38	0	0		33	0.21	S 7 A		
	2 OR MORE PAYS						1	0	0						

TABLE 8 - ILLINOIS OIL POOL STATISTICS, 1968 - Continued

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
HOOVILLE E, HAMILTON, 5S, 7E																	
	MCCLOSKY, MIS	3365	1944	10	0.0	0.6	1	0	0	0			L	3	N	MIS	3411
				ABD 1944													
*HORD, CLAY, 5N, 6E																	
			1950	270	4.5	561.6	19	0	0	3					M	MIS	2954
	AUX VASES, MIS	2702	1959	70			6	0	0		37		S	10	M		
	STE. GEN, MIS	2800	1950	270			13	0	0		37		L	5	M		
HORO N, EFFINGHAM, 6N, 6E																	
			1958	60	8.4	124.7	6	0	0	4						MIS	2350
	CYPRESS, MIS	2430	1958	40			3	0	0		33		S				
	AUX VASES, MIS	2633	1959	30			3	0	0		38		S	10			
*HORD S C, CLAY, 5N, 6E																	
			1942	360	29.0	1722.7	26	0	0	18					N	MIS	2975
	AUX VASES, MIS	2735		20			2	0	0				S	8	N		
	STE. GEN, MIS	2790		360			24	0	0		37		L	7	NC		
				ABD 1945, REV 1951													
HORNSBY S, MACOUPIN, 8N, 6W																	
	PENNSYLVANIAN	640	1956	50	0.0		4	0	0	0			S	1		PEN	715
				ABD 1957, REV 1959, ABD 1960													
HOYLETON W, WASHINGTON, 1S, 2W																	
	CLEAR CREEK, DEV	2895	1955	10	0.0	3.7	1	0	0	0	39		L	12		SIL	2965
				ABD 1964													
HUEY, CLINTON, 2N, 2W																	
	BENOIST, MIS	1260	1945	80	0.0	5.4	7	0	0	1			S	6	AL	DEV	2770
HUEY S, CLINTON, 1-2N, 2-3W																	
			1953	310	7.3	206.0	23	0	0	15						SIL	2675
	CYPRESS, MIS	1080		190			17	0	0		34		S	5			
	SILURIAN	2585	1956	110			6	0	0		40		L	10			
HUNT CITY, JASPER, 7N, 10E																	
	SPAR MTN, MIS	2540	1945	10	0.0	0.8	1	0	0	0			S	10	ML	MIS	3020
				ABD 1950													
HUNT CITY E, JASPER, 7N, 14W																	
			1952	90	1.9	14.7	7	1	2	3						SIL	3660
	FREDONIA, MIS	1845	1952	90			7	1	2		40		L	5			
	ST. LOUIS, MIS		1966	10			1	0	1				0	20			
	2 OR MORE PAYS						1	0	1								
				ABD 1954, REV 1965													
HUNT CITY S, JASPER, 7N, 14W																	
	MCCLOSKY, MIS	2341	1966	30	1.4	4.8	3	0	0	2			L	4		MIS	2766
HUTTON, COLES, 11N, 10E																	
	PENNSYLVANIAN	530	1939	20	0.0	15.0	2	0	0	0			S	15		MIS	959
				ABD 1946													
*INA, JEFFERSON, 4S, 2-3E																	
			1938	430	21.0	725.4	28	0	0	15					A	MIS	3521
	RENAULT, MIS	2725		150			7	0	0		35		S	14	AL		
	AUX VASES, MIS	2682	1958	30			3	0	0				S	26	A		
	SPAR MTN, MIS	2775	1957	110			3	0	0				S	10	A		
	MCCLOSKY, MIS	2775					4	0	0		35		L	10	A		
	ST. LOUIS, MIS	3000		90			8	0	0		37	0.20	L	4	AC		
	SALEM, MIS	3210	1957	40			4	0	0				L	9	A		
	2 OR MORE PAYS						1	0	0								
				ABD 1946, REV 1954													
INA N, JEFFERSON, 4S, 3E																	
	MCCLOSKY, MIS	2940	1949	10	0.0	0.7	1	0	0	0			L	4		MIS	3589
				ABD 1950													
INCLOSE +, EDGAR, CLARK, 12N, 13-14W																	
	ISABEL, PEN	345	1941	110			12	0	0	6	35		S	8	AL	MIS	1600

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
*INGRAHAM, CLAY, 4N, 8E																	
			1942	540	0.0	831.9	36	0	2	0					M	MIS	3597
	AUX VASES, MIS	2915		60			4	0	1				S	15	ML		
	SPAR MTN, MIS	3000		490			28	0	0		37	0.21	L	7	MC		
	MCCLOSKY, MIS	3075					5	0	1		37	0.21	L	8	MC		
				A80 1945, REV 1954, A80 1968													
*INMAN E C, GALLATIN, 7-8S, 10E																	
			1940	4420	266.6	21146.3	422	2	16	151					A	DEV	5100
	PENNSYLVANIAN	780		80			4	0	0		38		S	10	AF		
	PENNSYLVANIAN	1450					2	1	0				S	4	AF		
	DEGONIA, MIS	1690		90			4	0	0		37		S	10	AF		
	CLORE, MIS	1725		50			6	0	0		37		S	8	AF		
	PALESTINE, MIS	1840		90			4	0	0		37		S	13	AF		
	WALTERSBURG, MIS	1980		1220			82	0	1		37		S	18	AF		
	TAR SPRINGS, MIS	2080		1840			156	0	6		37	0.24	S	13	AF		
	HAROINSBURG, MIS	2135		280			17	0	0		34		S	10	AF		
	CYPRESS, MIS	2390		2350			162	0	2		34	0.23	S	14	AF		
	RENAULT, MIS	2675	1967	10			1	0	0				S	5	AF		
	AUX VASES, MIS	2715		490			33	0	4		37		S	8	AF		
	OHARA, MIS	2795		140			1	0	1				L	5	AF		
	SPAR MTN, MIS	2790					1	0	1				L	7	AF		
	MCCLOSKY, MIS	2800					7	0	1		39		L	8	AF		
	ST. LOUIS, MIS	2960	1957	40			6	1	1				L	10	AF		
	2 OR MORE PAYS						59	0	0								
*INMAN W C, GALLATIN, 7-8S, 9-10E																	
			1940	3740	399.4	7219.3	340	9	19	208					T	MIS	3357
	PENNSYLVANIAN	925		180			4	0	0				S	8	NL		
	PENNSYLVANIAN	1630					4	1	0				S	5	NL		
	BIEHL, PEN	1750					7	0	0				S	12	NL		
	PALESTINE, MIS	1765		40			4	0	0		30		S	13	NL		
	WALTERSBURG, MIS	2080		130			8	0	0				S	10	TL		
	TAR SPRINGS, MIS	2140		1280			90	3	6		36		S	8	TL		
	HAROINSBURG, MIS	2300		280			21	3	1		32		S	10	TL		
	CYPRESS, MIS	2475		2200			169	7	9		37		S	10	T		
	SAMPLE, MIS	2610		50			1	0	0				S	30	T		
	RENAULT, MIS	2775		30			3	0	0				L	7	T		
	AUX VASES, MIS	2790		870			70	1	6		37		S	15	TL		
	OHARA, MIS	2815		250			6	0	0				L	12	TC		
	SPAR MTN, MIS	2815					4	0	0		38		L	8	TC		
	MCCLOSKY, MIS	2940					15	0	1		35	0.19	L	5	TC		
	ST LOUIS, MIS	3180	1967	10			1	0	0				L	6			
	2 OR MORE PAYS						64	4	4								
IOLA CEN, CLAY, 5N, 5E																	
	BENOIST, MIS	2420	1954	60	0.0	0.8	5	1	0	3			S	5		MIS	2723
				ABD 1957, REV 1965													
*IOLA C, CLAY, EFFINGHAM, 5-6N, 5-6E																	
			1939	3250	276.2	13445.7	287	2	29	221					A	DEV	4227
	TAR SPRINGS, MIS	1890		20			1	0	0				S	9	AL		
	CYPRESS, MIS	2125		700			49	0	0		35		S	15	A		
	BETHEL, MIS	2255		60			5	0	11		36		S	10	AL		
	BENOIST, MIS	2290		1230			84	0	4		35	0.14	S	12	A		
	RENAULT, MIS	2320		10			1	0	0				L		AC		
	AUX VASES, MIS	2325		2280			180	1	26		35	0.25	S	10	A		
	SPAR MTN, MIS	2400		1360			62	0	4		37		LS	7	A		
	OHARA, MIS	2410	1963				1	0	0				L	6	A		
	MCCLOSKY, MIS	2425					48	1	1		38		OL	10	A		
	2 OR MORE PAYS						74	0	17								
IOLA S, CLAY, 4N, 5E																	
			1947	240	5.3	317.3	19	0	0	7					A	DEV	4325
	BENOIST, MIS	2490		160			10	0	0		37		S	10	AL		
	SPAR MTN, MIS	2590		130			6	0	0				L	6	AC		
	MCCLOSKY, MIS	2650					3	0	0		37		L	3	AC		
	CARPER, MIS	3900		10			1	0	0				S	7			
	2 OR MORE PAYS						1	0	1								
IOLA W, CLAY, 5N, 5E																	
	MCCLOSKY, MIS	2495	1945	10	0.0	.5	1	0	0	0			L	11	MC	MIS	2613
				A80 1945													
*IRVINGTON, WASHINGTON, 1S, 1W																	
			1940	1390	160.9	8229.5	138	0	0	92					A	ORO	4440
	BEECH CREEK, MIS	1525		10			1	0	0				L	3	AC		
	CYPRESS, MIS	1380		410			35	0	0		36		S	12	A		
	BENOIST, MIS	1535		1020			84	0	0		37	0.16	S	12	A		
	CLEAR CREEK, DEV	3090		280			17	0	0		38	0.27	L	12	A		
	TRENTON, ORO	4275	1956	110			6	0	0		39		L	30	A		
	2 OR MORE PAYS						4	0	0								

TABLE 8 - ILLINOIS OIL POOL STATISTICS, 1968 - Continued

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of dis-covery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
*IRVINGTON E, JEFFERSON, 1S, 1E																	
			1951	340	27.8	827.9	27	0	0	25						MIS	2222
	PENNSYLVANIAN	1030		40			5	0	0				S	15			
	CYPRESS, MIS	1750	1955	120			7	0	0				S	15			
	BENOIST, MIS	1950	1955	200			18	0	0		37		S				
	2 OR MORE PAYS						3	0	0								
IRVINGTON N, WASHINGTON, 1N, 1S, 1W																	
			1953	290	31.5	1182.5	26	0	0	25					A	ORD	4334
	CYPRESS, MIS	1340		40			4	0	0				S	16	AL		
	BENOIST, MIS	1470		250			22	0	0		39		S	6	AL		
IRVINGTON W, WASHINGTON, 1S, 1W																	
	CYPRESS, MIS	1460	1963	50	0.0	5.2	3	0	0	3	36		S	20		MIS	1909
*IUKA, MARION, 2N, 4E																	
			1947	710	15.7	998.2	46	0	5	23					M	MIS	2911
	AUX VASES, MIS	2528	1960	40			3	0	0				S	11	M		
	OHARA, MIS	2650		580			7	0	1				L	5	MC		
	SPAR MTN, MIS	2660					6	0	0				L	15	MC		
	MCCLOSKY, MIS	2750					27	0	5		39		L	10	MC		
	ST. LOUIS, MIS	2775		200			8	0	1		37		L	5	MC		
	2 OR MORE PAYS						15	0	2								
IUKA W, MARION, 2N, 3-4E																	
	MCCLOSKY, MIS	2700	1955	50	3.6	29.5	4	0	0	2	37		L	5		MIS	3309
JACKSONVILLE GAS *, MORGAN, 15N, 9W																	
	GAS, PEN, MIS	330	1910	80	0.0	2.0	9	0	0	1			LS	5	ML	ORD	1390
				ABD 1939, REV 1967													
*JOHNSON N, CLARK, 9-10N, 14W																	
			1907	2340			532	0	10	292					AM	ORD	4519
	KICKAPOO, PEN	315		2360			34	0					S		AM		
	CLAYPOOL, PEN	415					333	0					S		AM		
	CASEY, PEN	465					196	0			32		S		AM		
	UPPER PARTLOW, PEN	535					51	0					S		AM		
	MCCLOSKY, MIS	556		50				0					DL	6	AM		
	CARPER, MIS	1325		290			11	0			37		S		AM		
				SEE CLARK COUNTY DIVISION FOR PRODUCTION													
*JOHNSON S, CLARK, 9N, 14W																	
			1907	2050			657	1	0	234					AM	OEV	2030
	CLAYPOOL, PEN	390		2040			39	0	0				S		AM		
	CASEY, PEN	450					60	0	0		30		S		AM		
	UPPER PARTLOW, PEN	490					432	0	0		31		S	48	AM		
	LOWER PARTLOW, PEN	600					179	1	0		29		S		AM		
	AUX VASES, MIS	717	1961	40			1	0	0				S	21	A		
				SEE CLARK COUNTY DIVISION FOR PRODUCTION													
*JOHNSONVILLE C, WAYNE, 1N, 1S, 6-7E																	
			1940	8730	1215.3	47489.8	446	8	19	211					A	TRN	5460
	BETHEL, MIS	2950		30			3	0	1				S	12	AL		
	AUX VASES, MIS	3020		2730			145	6	11		39	0.14	S	20	AL		
	OHARA, MIS	3120		8020			28	0	3		38		OL	10	AC		
	SPAR MTN, MIS	3150					8	0	0		38		DL	8	AC		
	MCCLOSKY, MIS	3170					326	5	8		38	0.17	OL	15	AC		
	ST. LOUIS, MIS	3256	1961	110			10	2	2				L	14	A		
	SALEM, MIS	3852	1960	40			2	0	0				L		AC		
	2 OR MORE PAYS						48	5	3								
JOHNSONVILLE N, WAYNE, 1N, 6E																	
			1943	150	0.7	88.7	8	2	0	2					A	MIS	3335
	OHARA, MIS	3190		150			1	0	0		38	0.17	OL	3	AC		
	SPAR MTN, MIS	3220					7	2	0				L	8	AC		
	MCCLOSKY, MIS	3250					1	0	0		38	0.17	DL	3	AC		
	2 OR MORE PAYS						1	0	0								
				ABD 1966, REV 1968													
*JOHNSONVILLE S, WAYNE, 1S, 6E																	
			1942	440	14.3	790.0	35	1	0	12					A	MIS	3335
	AUX VASES, MIS	3060		340			27	0	0		38		S	15	A		
	SPAR MTN, MIS	3160		140			1	0	0				L	4	AC		
	MCCLOSKY, MIS	3200					7	1	0		38		L	5	AC		
*JOHNSONVILLE W, WAYNE, 1N, 1S, 5-6E																	
			1942	760	80.0	1825.7	62	1	0	37					M	MIS	3385

Pool, County location by township and range (*Secondary recovery - see Part II) / Pay zone: Name and age	Depth (ft)	Year of discovery	Area proved in acres	Oil production (M bbls): During 1968	To end of 1968	Number of wells: Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Character of oil: Gr. API	Sulfur (%)	Pay zone: Kind of rock, avg. thickness in feet, structure			Deepest test: Zone	Depth (ft)
*JOHNSONVILLE W, WAYNE, 1N, 1S, 5-6E						(CONTINUED FROM PREVIOUS PAGE)										
BETHEL, MIS	2925		10			1	0	0				S	7	ML		
AUX VASES, MIS	2900		370			31	0	0				S	5	ML		
OHARA, MIS	2930		380			5	0	0				L	6	MC		
SPAR MTN, MIS	3015					10	0	0				L	4	MC		
MCCLOSKY, MIS	3100					17	1	0		40		L	7	MC		
2 OR MORE PAYS						1	0	0								
*JOHNSTON CITY E, WILLIAMSON, 8S, 3E																
		1959	140	100.3	294.0	12	0	5	7						MIS	2968
CYPRESS, MIS	2290	1959	130			9	0	4				S	20			
AUX VASES, MIS	2620	1962	140			6	0	2		36		S	10			
SPAR MTN, MIS	2660	1963	10			1	0	0				L	7			
MCCLOSKY, MIS	2680	1963				1	0	0				DL	12			
2 OR MORE PAYS						3	0	1								
*JUNCTION, GALLATIN, 9S, 9E																
		1939	360	8.7	655.4	30	0	4	14					M	MIS	3500
PENNSYLVANIAN	1150		30			3	0	0				S	7	ML		
WALTERSBURG, MIS	1750		290			24	0	4		37		S	14	ML		
HAROINSBURG, MIS	2120		10			1	0	0				S	5	ML		
CYPRESS, MIS	2275		20			2	0	0				S	12	ML		
MCCLOSKY, MIS	2730	1955	10			1	0	0				L	9	MC		
2 OR MORE PAYS						1	0	0								
*JUNCTION E, GALLATIN, 8-9S, 9E																
WALTERSBURG, MIS	2000	1953	20	0.0	47.7	2	0	1	1	37		S	14		MIS	2970
JUNCTION N, GALLATIN, 8-9S, 9E																
		1946	190	6.0	200.5	19	0	0	10					M	MIS	2983
PENNSYLVANIAN	1565		100			10	0	0		36		S	16	ML		
CYPRESS, MIS	2450		30			3	0	0				S	10	ML		
AUX VASES, MIS	2725		40			3	0	0				S	4	ML		
SPAR MTN, MIS	2860	1955	40			3	0	0				L	6	MC		
JUNCTION CITY C, MARION, 2N, 1E																
		1910	160	1.0		16	0	0				S	8	NL	DEV	3345
OYKSTRA(CUBA), PEN	510	1910	160			11	0	0		32		S		NL		
WILSON, PEN	680	1952				5	0	0				S	8	NL		
KEENSBURG E, WABASH, 2S, 13W																
		1939	40	0.0	9.0	3	0	0	0					M	MIS	2802
OHARA, MIS	2705		40			1	0	0				L	10	MC		
MCCLOSKY, MIS	2710					2	0	0		38	0.26	L	6	MC		
			A80 1947													
*KEENSBURG S, WABASH, 2-3S, 13W																
		1944	300	34.3	661.7	28	2	2	16					A	MIS	2879
PENNSYLVANIAN	1145		150			16	2	2		33		S	15	AL		
CYPRESS, MIS	2385		130			11	0	0		36		S	9	AL		
OHARA, MIS	2715		20			1	0	0				L	10	AC		
*KEENVILLE, WAYNE, 1S, 5E																
		1945	710	9.7	2216.6	58	0	0	10					A	MIS	3553
AUX VASES, MIS	2960		340			25	0	0		36		S	20	AL		
OHARA, MIS	3050		440			5	0	0				L	8	AC		
SPAR MTN, MIS	3060					1	0	0				L	10	AC		
MCCLOSKY, MIS	3100					29	0	0		37		L	7	AC		
2 OR MORE PAYS						2	0	0								
KEENVILLE E, WAYNE, 1S, 5E																
		1951	90	0.9	82.4	6	0	1	4						MIS	3538
SPAR MTN, MIS	3075	1967	80			1	0	0				L	4			
MCCLOSKY, MIS	3140	1951				5	0	0				L	10			
ST LOUIS	3190	1967	10			2	0	1				L	1	0		
2 OR MORE PAYS						1	0	0								
KELL, JEEFERSON, 1S, 3E																
MCCLOSKY, MIS	2625	1942	50	0.0	14.0	5	0	0	0	39	0.26	L	6	A	MIS	2720
			A80 1946, REV 1958, A30 1962													
KELL W, MARION, 1N, 2E																
MCCLOSKY, MIS	2354	1962	10	0.0	0.8	1	0	0	0			DL	6		MIS	2475
			A80 1964													

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
KELLERVILLE, ADAMS, BROWN, 1-2S, 5W																	
	SILURIAN	637	1959	570	4.1	193.4	51	1	1	36	37		0	7	AC	STP	1075
*KENNER, CLAY, 3N, 5-6E																	
			1942	1190	20.9	2246.8	103	0	21	30					A	OEV	4524
	TAR SPRINGS, MIS	2200		10			1	0	0				S	7	AL		
	BENOIST, MIS	2690		690			55	0	13		37	0.22	S	10	A		
	RENAULT, MIS	2761	1958	210			15	0	0		36		S	9	A		
	AUX VASES, MIS	2835		820			47	0	11		38		S	9	AL		
	SPAR MTN, MIS	2875		80			3	0	0				LS	5	AC		
	MCCLOSKY, MIS	2930					4	0	0				L	7	AC		
	ST. LOUIS, MIS	2978	1964	10			1	0	0				L	4			
	CARPER, MIS	4221	1959	10			1	0	0				S	10	A		
	DEVONIAN	4424	1959	10			1	0	0				L	55	A		
	2 OR MORE PAYS						11	0	3								
*KENNER N, CLAY, 3N, 6E																	
			1947	390	1.3	887.6	36	0	0	1					A	OEV	4784
	BENOIST, MIS	2755		390			31	0	0		38		S	8	A		
	MCCLOSKY, MIS	2970		80			5	0	0		36		L	5	AC		
KENNER S, CLAY, 2N, 5E																	
			1950	30	2.7	11.1	3	0	0	2					A	MIS	3000
	BENOIST, MIS	2730	1967	20			2	0	0				S	5	A		
	MCCLOSKY, MIS	2870	1950	30			3	0	0		37		L	10	AC		
	2 OR MORE PAYS						2	0	0								
				ABD 1952, REV 1957													
*KENNER W, CLAY, 3N, 5E																	
			1947	410	7.2	2073.2	35	0	7	8					A	OEV	4800
	CYPRESS, MIS	2600		350			27	0	7		37		S	26	A		
	BENOIST, MIS	2705		230			16	0	6		38		S	9	A		
	RENAULT, MIS	2802	1960	10			1	0	0				S	10	A		
	AUX VASES, MIS	2837	1960	110			8	0	0				S	24	A		
	MCCLOSKY, MIS	2870		20			2	0	0		38		L	4	A		
	2 OR MORE PAYS						18	0	6								
KEYESPORT, CLINTON, 3N, 2W																	
	BENOIST, MIS	1180	1949	180	2.0	170.9	20	0	0	15	35		S	8	AL	MIS	1358
KINCAID C, CHRISTIAN, 13-14N, 3W																	
			1955	2620	48.0	4746.2	148	0	0	143					MU	SIL	1971
	HIBBARD, OEV	1800	1955	2620			147	0	0				DS	19	MU		
	SILURIAN	1874	1959	10			1	0	0				0	7			
*KING, JEFFERSON, 3-4S, 3E																	
			1942	1430	46.1	3515.5	112	0	13	41					A	OEV	4775
	RENAULT, MIS	2718	1959	10			1	0	1				S		A		
	AUX VASES, MIS	2725	1942	1380			104	0	10		39	0.17	S	15	AL		
	OHARA, MIS	2765		320			11	0	4				L	10	AC		
	SPAR MTN, MIS	2815					7	0	0		40	0.16	LS	10	AC		
	MCCLOSKY, MIS	2840					4	0	2				L	5	AC		
	2 OR MORE PAYS						13	0	4								
KINMUNDY, MARION, 4N, 2-3E																	
			1950	80	4.2	69.1	7	0	0	3					A	OEV	3650
	BENOIST, MIS	1915		20			2	0	0		29		S	3	A		
	SALEM, MIS	2430		10			1	0	0				L	7	A		
	CARPER, MIS	3384	1962	50			4	0	0		37		S	17			
				ABD 1960, REV 1962													
KINMUNDY N, MARION, 4N, 3E																	
	BENOIST, MIS	2040	1953	10	0.0	0.5	1	0	0	0			S	6		MIS	2301
				ABD 1954													
LACLEDE, FAYETTE, 5N, 4E																	
	BENOIST, MIS	2335	1943	50	0.6	27.5	6	1	1	1	36	0.18	S	15	A	MIS	2508
LAKEWOOD, SHELBY, 10N, 2-3E																	
			1941	120	0.4	270.5	12	0	0	3					A	SIL	3127
	BENOIST, MIS	1690		70			7	0	0		30		S	7	AL		
	AUX VASES, MIS	1720		50			5	0	0		32	0.23	S	8	AL		

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
*LANCASTER, WABASH, LAWRENCE, 1-2N, 13W																	
			1940	1490	199.7	4307.8	121	0	3	46					A	OEV	4555
	TAR SPRINGS, MIS	2050	1959	10			1	0	0				S	3	A		
	BETHEL, MIS	2540		980			84	0	3		36		S	14	AL		
	OHARA, MIS	2670		520			2	0	0				L	10	AC		
	SPAR MTN, MIS	2649	1964				2	0	0				L	5			
	MCCLOSKY, MIS	2690					34	0	0		40	0.23	L	7	AC		
	2 OR MORE PAYS						2	0	0								
LANCASTER CEN, WABASH, 1N, 13W																	
			1946	230	0.0	376.3	15	0	0	1					M	MIS	3507
	OHARA, MIS	2750		230			5	0	0				L	7	MC		
	SPAR MTN, MIS	2810					10	0	0		37		L	7	MC		
	MCCLOSKY, MIS	2815					2	0	0				L	8	MC		
	2 OR MORE PAYS						4	0	0								
LANCASTER E, WABASH, 2N, 13W																	
			1944	60	2.1	60.0	5	0	0	4					M	MIS	2750
	BIEHL, PEN	1745		50			4	0	0		31		S	10	ML		
	SPAR MTN, MIS	2660		10			1	0	0				L	6	MC		
*LANCASTER S, WABASH, 1N, 13W																	
			1946	290	4.6	383.8	20	0	1	16					M	MIS	2817
	BETHEL, MIS	2520		270			18	0	1		35		S	6	ML		
	OHARA, MIS	2670		30			1	0	0				L	6	MC		
	MCCLOSKY, MIS	2720					1	0	0				L	12	MC		
LANGEWISCH-KUESTER, MARION, 1N, 1E																	
			1910	110	1.3		15	0	0						N	OEV	3509
	UNNAMED, PEN	795	1951	10			2	0	0				S		N		
	CYPRESS, MIS	1600	1910	100			13	0	0		33		S		N		
*LAWRENCE, LAWRENCE, CRAWFORD, 2-5N, 11-13W																	
			1906	35590			6718	45	77	2794					A	STP	5190
	TRIVOLI, PEN	290		10480			13	2			28		S		A		
	CUBA, PEN	450					2	0					S		A		
	BRIDGEPORT, PEN	800					1299	2			36		S	40	A		
	LPENNSYLVANIAN	950					23	0					S	15	A		
	BUCHANAN, PEN	1250					531	0			33		S	15	A		
	RIDGLEY	1300						1					S				
	TAR SPRINGS, MIS	1410		20			3	0			34		S	10	A		
	HARDINSBURG, MIS	1570		20			5	0			33		S	10	A		
	JACKSON(GAS), MIS	1370		1350			309	4			33		S	15	A		
	CYP(KIRKWOOD), M	1400		21730			4447	27			40		S	30	A		
	SAMPLE, MIS	1600		9460			177	6					S	9	A		
	BETH(TRACEY), MIS	1650					977	11			38		S	20	A		
	BENOIST, MIS	1695					84	6			38		S	7	A		
	AUX VASES, MIS	1775		670			51	1			38		S	8	A		
	OHARA, MIS	1750		11840			14	0					L	8	A		
	SPAR MTN, MIS	1860					58	0			33		LS	4	A		
	MCCLOSKY, MIS	1860					1120	2			40		L	10	A		
	ST. LOUIS, MIS	1660		210			10	2					L	10	A		
	SALEM, MIS	1955		30			1	0					L	2	A		
	2 OR MORE PAYS						383	16									
			SEE LAWRENCE COUNTY DIVISION FOR PRODUCTION														
LAWRENCE COUNTY DIVISION, LAWRENCE, CRAWFORD																	
				36410	5710.9	341664.9	6806	46	78	2837							
			TOTALS FOR LAWRENCE AND ST. FRANCISVILLE POOLS														
*LAWRENCE W, LAWRENCE, 3N, 13W																	
			1952	600	0.4	444.3	50	3	0	34						MIS	2324
	PAINT CREEK, MIS	1978	1962	540			8	0	0				S	13			
	BETHEL, MIS	2050					34	2	0		33		S	15			
	AUX VASES, MIS	2110		20			2	0	0				S	8			
	OHARA, MIS	2214	1968	40			1	1	0				L	16			
	SPAR MTN, MIS	2193	1963				2	1	0				L	2			
	MCCLOSKY, MIS	2225					2	0	0		40		L	11			
	2 OR MORE PAYS						3	1	0								
*LEXINGTON, WABASH, 1S, 14W																	
			1947	140	4.2	436.9	12	1	1	2					A	MIS	3031
	CYPRESS, MIS	2585		10			1	0	0		32		S	10	AL		
	OHARA, MIS	2912	1968	130			1	1	0				L	3			
	MCCLOSKY, MIS	2970					11	1	1		38		L	3	AC		
	2 OR MORE PAYS						1	1	0								

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
LEXINGTON N, WABASH, 1S, 14W																	
	STE. GEN, MIS	2915	1951	20 ABD 1958	0.0	5.4	2	0	0	0			L	4	MC	MIS	3045
*LILLYVILLE, CUMBERLAND, EFFINGHAM, 8-9N, 6-7E																	
			1946	170	12.2	452.1	11	2	2	8						OEV	4000
	SPAR MTN, MIS	2433	1968	170			1	1	0				S	6			
	MCCLOSKY, MIS	2425	1946				10	1	2		36		L	10	A		
LIS, JASPER, 7N, 9E																	
	SPAR MTN, MIS	3022	1964	10 ABD 1967	0.0	0.5	1	0	0	0			S	5		MIS	3050
LITCHFIELD, MONTGOMERY, 8-9N, 5W																	
	UNNAMED, PEN	660	1989	150 ABD 1904, REV 1942			18	0	0	0	23	0.24	S		D	STP	3000
LITCHFIELD S, MONTGOMERY, 8N, 5W																	
	PENNSYLVANIAN	610	1967	40			4	0	0	4			S	3		PEN	590
*LIVINGSTON, MADISON, 6N, 6W																	
	PENNSYLVANIAN	535	1948	420	4.2	677.7	60	1	0	39	35		S	15	ML	ORO	2378
*LIVINGSTON S +, MADISON, 5-6N, 6W																	
	PENNSYLVANIAN	530	1950	570	15.5	348.9	63	0	0	45	35		S	7	ML	SIL	1735
*LOCUST GROVE, WAYNE, 1N, 9E																	
			1951	130	4.3	218.4	12	0	1	1						MIS	3428
	AUX VASES, MIS	3215		90			7	0	0		42		S	10			
	OHARA, MIS	3240		40			4	0	1				L	4			
	MCCLOSKY, MIS	3280					1	0	0				L	6			
	2 OR MORE PAYS						1	0	0								
LOCUST GROVE S, WAYNE, 1S, 9E																	
			1953	160	0.7	109.3	8	0	0	1						MIS	3410
	OHARA, MIS	3248	1958	160			2	0	0		39		L	5			
	SPAR MTN, MIS	3300	1953				3	0	0		37		L	10			
	MCCLOSKY, MIS	3286	1958				4	0	0		39		L	4			
	2 OR MORE PAYS		1958				1	0	0								
LOGAN, FRANKLIN, 7S, 3E																	
			1966	30	12.5	36.5	3	1	0	3						MIS	3176
	AUX VASES, MIS	2920	1968	10			1	1	0				S	8			
	SPAR MTN, MIS	3028	1966	20			1	0	0				L	4			
	MCCLOSKY, MIS	3082	1966				1	0	0				L	8			
LONG BRANCH, SALINE, HAMILTON, 7S, 6E																	
			1950	70	4.3	317.8	12	0	0	6					A	MIS	3389
	PALESTINE, MIS	2070		20			2	0	0				S	8	AL		
	CYPRESS, MIS	2745		20			3	0	0				S	13	AL		
	AUX VASES, MIS	3095		40			6	0	0		37		S	9	AL		
	MCCLOSKY, MIS	3220		20			2	0	0				L	5	AC		
	2 OR MORE PAYS						1	0	0								
LONG BRANCH S, SALINE, 8S, 6E																	
	CYPRESS, MIS	2660	1955	10	0.0	8.9	1	0	0	1			S	8		MIS	3210
*LOUDEN +, FAYETTE, EFFINGHAM, 6-9N, 2-4E																	
			1937	24480	6310.4	335920.1	2321	4	12	1448					A	PC	8616
	CYPRESS, MIS	1500		21380			1571	4	11		36	0.25	S	30	A		
	BETHEL, MIS	1540		8670			344	3	1		38	0.24	S	15	A		
	BENOIST, MIS	1550		6800			711	2	0		38	0.20	S	10	A		
	AUX VASES, MIS	1600		540			10	1	0		37	0.17	S	6	AL		
	MCCLOSKY, MIS	1785	1955	10			1	0	0				L	4	AC		
	CARPER, MIS	2830		20			3	0	0		36		S	9	AL		
	GENEVA, DEV	3000		2600			86	0	0		28	0.48	D	15	A		
	TRENTON, ORD	3905	1955	20			2	0	0				L	12	A		
	2 OR MORE PAYS						321	3	0								
LOUISVILLE N, CLAY, 4N, 6E																	
			1953	90	1.5	52.4	6	0	0	3					K	MIS	2977
	AUX VASES, MIS	2755	1953	40			2	0	0				S	10	ML		

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production (M bbls): During 1968	Oil production (M bbls): To end of 1968	Number of wells: Completed to end of 1968	Number of wells: Completed in 1968	Number of wells: Abandoned 1968	Number of wells: Producing end of year	Character of oil: Gr. API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, avg. thickness in feet, structure	Deepest test: Zone	Deepest test: Depth (ft)
LOUISVILLE N, CLAY, 4N, 6E	(CONTINUED FROM PREVIOUS PAGE)														
	SPAR MTN, MIS	2812	1961	50 ABD 1956, REV 1962			4	0	0				L 9 ML		
LOUISVILLE S, CLAY, 3N, 6E															
			1960	20	0.0	0.0	2	0	0	0				MIS	3048
	AUX VASES, MIS	2823	1960	10			1	0	0				S 6		
	OHARA, MIS	2893	1960	10 ABD 1967			1	0	0				L 2		
LYNCHBURG, JEFFERSON, 3S, 4E															
	MCCLOSKY, MIS	3045	1951	60	3.1	298.5	3	0	1	1	38		L 8 AC	MIS	3579
*MCKINLEY, WASHINGTON, 3S, 4W															
			1940	250	3.2	743.4	30	0	1	15			D	ORD	3983
	BENOIST, MIS	1050		180			17	0	1		41	0.18	S 5 D		
	SILURIAN	2240		190			12	0	0		39		L 40 R		
MACEDONIA, FRANKLIN, 5S, 4E															
	HARRODSBURG, MIS	4097	1961	10 ABD 1965	0.0	6.0	1	0	0	0			L 12	DEV	5249
*MAIN C +, CRAWFORD, LAWRENCE, JASPER, 5-8N, 10-14W															
			1906	61510	2599.1	214211.1	11282	59	90	3801				STP	5317
	CUBA, PEN	510		59220			75	0			32		S ML		
	UNNAMED, PEN	750					4	0					S 5 ML		
	ROBINSON, PEN	950					9834	51			35		S 25 ML		
	PENNSYLVANIAN	1250					29	1					S ML		
	BARLOW, MIS	1201	1968	10			1	1					OL 10		
	CYPRESS, MIS	1480		650			42	0			33		S 15 ML		
	PAINT CREEK, MIS	1280		4330				6					S 30 ML		
	BETHEL, MIS	1400					121	5			36		S 18 ML		
	AUX VASES, MIS	1430		1440			93	1			35		S 15 ML		
	SPAR MTN, MIS	1515		500			2	0					S 6 MC		
	MCCL(OBLUNG), MIS	1400					137	4					L MC		
	SALEM, MIS	1815		290			14	0			37		L 5 MC		
	DEVONIAN	2795	1941	50			3	0			37		L 11 MC		
	2 OR MORE PAYS						35	7							
*MAPLE GROVE C, EDWARDS, WAYNE, 1-2N, 9-10E															
			1943	2090	26.7	4417.3	110	4	7	28			A	MIS	3880
	AUX VASES, MIS	3145		460			29	4	1		38		S 15 A		
	OHARA, MIS	3230		1550			4	0	0		27		L 3 AC		
	SPAR MTN, MIS	3250					1	0	0				L 1 AC		
	MCCLOSKY, MIS	3260					82	0	6		41		L 5 A		
	SALEM, MIS	3660	1967	10			1	0	0				L 4		
	2 OR MORE PAYS						6	0	0						
MAPLE GROVE S, EDWARDS, 1N, 10E															
	MCCLOSKY, MIS	3250	1945	10 ABD 1950	0.0	9.0	1	0	0	0			L 10 MC	MIS	3358
MARCOE, JEFFERSON, 3S, 2E															
	MCCLOSKY, MIS	2745	1938	20 ABD 1941	0.0	13.0	2	0	0	0	23	0.5+	L 15 MC	MIS	3066
MARINE, MADISON, 4N, 6W															
	DEV-SIL	1700	1943	2440	61.2	11565.5	147	0	1	132	35	0.28	L 20 R	ORD	2619
MARINE W, MADISON, 5N, 7W															
	DEVONIAN	1653	1965	80	4.6	17.2	4	3	0	4	36		L 3	ORD	2355
MARION, WILLIAMSON, 9S, 3E															
	AUX VASES, MIS	2385	1950	10 ABD 1951	0.0	0.2	1	0	0	0	40		S 5	MIS	2560
MARION E, WILLIAMSON, 9S, 3E															
	BETHEL, MIS	2295	1959	10 ABD 1963	0.0	1.1	2	0	0	0			S 8	MIS	2542
MARISSA W +, ST. CLAIR, 3-4S, 7W															
	CYPRESS, MIS	215	1962	30	0.0	0.0	3	0	0	1	25		S 34	MIS	308

TABLE 8 - ILLINOIS OIL POOL STATISTICS, 1968 - Continued

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure		Zone	Depth (ft)
*MARKHAM CITY, JEFFERSON, 2-3S, 4E																
	STE. GEN, MIS	3070	1942	340	24.3	1483.6	19	0	0	4	38	0.08	L 10 A		MIS	3215
*MARKHAM CITY N, JEFFERSON, WAYNE, 2S, 4-5E																
			1943	290	24.6	1355.7	23	0	0	13				A	MIS	3169
	AUX VASES, MIS	2950		120			9	0	0		38		S 6	AL		
	MCCLOSKY, MIS	3075		310			16	0	0		36	0.24	L 8	AC		
	2 OR MORE PAYS						2	0	0							
*MARKHAM CITY W, JEFFERSON, 2-3S, 4E																
			1945	490	29.7	2320.7	40	1	0	4				A	MIS	3182
	AUX VASES, MIS	2905		310			19	0	0		39		S 15	AL		
	MCCLOSKY, MIS	3035		310			23	0	0		37		L 7	AC		
	2 OR MORE PAYS						3	0	0							
*MARTINSVILLE, CLARK, 9-10N, 13-14W																
			1907	2590			352	1	0	192				D	STR	3411
	SHALLOW, PEN	255		2280			10	0	0				S	D		
	CASEY, PEN	500					95	0	0				S	D		
	MARTINSVILLE, MIS	480		500			27	0	0				L	D		
	CARPER, MIS	1340		1040			84	0	0		37		S 40	D		
	DEVONIAN	1550		700			45	0	0		36		L	D		
	TRENTON, ORD	2700		60			4	1	0		40		L	O		
				SEE CLARK COUNTY DIVISION FOR PRODUCTION												
*MASON N, EFFINGHAM, 6N, 5E																
			1951	200	5.7	364.2	13	0	0	7				A	MIS	2553
	BENOIST, MIS	2290		140			8	0	0		38		S 13	AL		
	AUX VASES, MIS	2355		10			1	0	0				S 5	AL		
	SPAR MTN, MIS	2390		80			4	0	0				L 13	AC		
	MCCLOSKY, MIS	2475					2	0	0				L 5	AC		
	2 OR MORE PAYS						1	0	0							
MASSILON, WAYNE, EDWARDS, 1S, 9-10E																
	OHARA, MIS	3255	1946	70	0.0	91.2	3	0	0	0	37		L 6	MC	MIS	3472
				ABD 1953												
MASSILON S, EDWARDS, 1S, 10E																
	OHARA, MIS	3315	1947	10	0.0	0.3	1	0	0	0			L 9	MC	MIS	3391
				ABD 1947												
*MATTOON, COLES, 11-12N, 7-8E																
			1939	5920	509.6	18104.6	532	6	16	277				A	STR	4915
	CYPRESS, MIS	1750		3150			240	3	11		33	0.16				
	AUX VASES, MIS	1900		540			25	2	0		32		S 15	AL		
	SPAR MTN, MIS	1950		4730			383	4	8		38	0.21	S 12	A		
	MCCLOSKY, MIS	2010					6	0	0		37		L 5	AC		
	CARPER, MIS	2950	1955	420			22	2	1				S 10	A		
	2 OR MORE PAYS						138	4	6							
*MATTOON N, COLES, 13N, 7E																
	SPAR MTN, MIS	1902	1960	160	18.2	318.4	12	0	0	9	40		S 12	A	MIS	1967
MATTOON S, CUMBERLAND, 11N, 7E																
	CARPER, MIS	3035	1962	50	0.0	4.7	3	0	1	0			S 10		MIS	3337
				ABD 1966												
MAUNIE E, WHITE, 6S, 11E																
			1951	80	0.9	56.8	6	0	0	1				AF	MIS	3088
	TAR SPRINGS, MIS	2280		10			1	0	0				S 8			
	AUX VASES, MIS	2870	1951	70			5	0	0		35		S 20	AF		
				ABD 1952, REV 1955												
*MAUNIE N C, WHITE, 5-6S, 10-11E, 14W																
			1941	2120	192.0	4403.2	177	0	2	91				A	MIS	3260
	PENNSYLVANIAN	1320		10			1	0	0		25		S 20	AL		
	WALTERSBURG, MIS	2305		130			10	0	0		37		S 12	AL		
	TAR SPRINGS, MIS	2350		160			10	0	0		35		S 10	AL		
	HARDINSBURG, MIS	2565		10			1	0	0				S 10	A		
	SAMPLE, MIS	2830		480			2	0	0				S 13	AL		
	BETHEL, MIS	2820					30	0	1		35		S 13	AL		
	RENAULT, MIS	2935		10			1	0	0				L 2	AC		
	AUX VASES, MIS	2930		870			89	0	1		36		S 13	AL		
	OHARA, MIS	2995		880			8	0	0		37		L 4	AC		
	SPAR MTN, MIS	3025					23	0	0		36		L 6	AC		

Pool, County — location by township and range (*Secondary recovery - see Part II)	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production (M bbls): During 1968	Oil production (M bbls): To end of 1968	Number of wells: Completed to end of 1968	Number of wells: Completed in 1968	Number of wells: Abandoned 1968	Number of wells: Producing end of year	Character of oil: Gr. API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, avg. thickness in feet, structure	Deepest test: Zone	Deepest test: Depth (ft)
*MAUNIE N C, WHITE, 5-6S, 10-11E, 14W	(CONTINUED FROM PREVIOUS PAGE)														
	MCCLOSKY, MIS	3035					24	0	0		33		L 10 AC		
	2 OR MORE PAYS						22	0	0						
*MAUNIE SOUTH C, WHITE, 6S, 10-11E															
			1941	1730	66.7	6806.0	168	2	2	64			A	MIS	3160
	BRIDGEPORT, PEN	1400		170			10	0	0		24		S 7 AL		
	BIEHL, PEN	1649	1959				3	0	0		31		S AL		
	DEGONIA, MIS	1900		120			13	2	1		35		S 10 AL		
	PALESTINE, MIS	2010		640			54	0	1		35		S 17 AL		
	WALTERSBURG, MIS	2210		20			2	0	0				S 19 AL		
	TAR SPRINGS, MIS	2270		790			50	0	0		37		S 16 AF		
	CYPRESS, MIS	2590		370			28	0	0		36		S 10 AL		
	BETHEL, MIS	2735		10			1	0	0				S AL		
	AUX VASES, MIS	2845	1941	120			12	0	0		35		S 12 AL		
	SPAR MTN, MIS	2900		40			1	0	0				L 8 AC		
	MCCLOSKY, MIS	2920					4	0	0				L 6 AC		
	2 OR MORE PAYS						16	0	0						
MAYBERRY, WAYNE, 2-3S, 6E															
	MCCLOSKY, MIS	3350	1941	120	2.5	352.4	7	0	0	2	39	0.16	L 8 AC	OEV	5377
MAYBERRY N, WAYNE, 2S, 6E															
	MCCLOSKY, MIS	3330	1948	10	0.0	1.4	1	0	0	0			L 2	MIS	3463
				A80 1950											
*MELROSE, CLARK, 9N, 13W															
	ISABEL, PEN	840	1953	160			13	1	1	2	35		S 10	PEN	878
MELROSE S, CLARK, 9N 13W															
	ISABEL, PEN	865	1953	20	0.0	0.0	2	0	0	1			S 7	PEN	888
				A80 1959, REV 1964											
*MILETUS, MARION, 4N, 4E															
			1947	220	3.8	341.7	16	0	0	4			A	DEV	3950
	BENOIST, MIS	2140		130			8	0	0		35		S 7 A		
	AUX VASES, MIS	2200		140			8	0	0		36		S 7 A		
	MCCLOSKY, MIS	2350		50			3	0	0		36		L 5 A		
	2 OR MORE PAYS						3	0	0						
MILLERSBURG, BOND, 4N, 4W															
	DEVONIAN	2130	1967	20	5.1	5.1	2	0	0	2			S 2	DEV	2160
*MILL SHOALS, WHITE, HAMILTON, WAYNE, 2-4S, 7-8E															
			1939	3220	202.6	10572.1	246	1	2	117			A	MIS	5455
	AUX VASES, MIS	3245		2700			197	1	1		36	0.14	S 11 A		
	OHARA, MIS	3320		1010			9	0	1				OL 11 AC		
	SPAR MTN, MIS	3345					13	0	1				LS 8 AC		
	MCCLOSKY, MIS	3375					38	0	0		36		OL 5 AC		
	ST. LOUIS, MIS	3546	1960	10			1	0	0				L 10 AC		
	SALEM, MIS	3970	1961	10			2	0	0				L 4 A		
	HARRODSBURG, MIS	4110	1959	10			1	0	0				L 10 A		
	2 OR MORE PAYS						16	0	1						
MILLS PRAIRIE, EDWARDS, IN, 14W															
	OHARA, MIS	2925	1948	10	0.0	1.9	1	0	0	0			L 5 MC	MIS	3010
				A80 1952											
MILLS PRAIRIE N, EDWARDS, IN, 14W															
	OHARA, MIS	2925	1953	30	0.0	4.9	2	0	0	0	41		L 5 MC	MIS	3003
				A80 1956											
MITCHELLSVILLE, SALINE, 10S, 6E															
			1955	20	0.7	20.0	2	0	0	1				MIS	2452
	DEGONIA, MIS	1330	1955	10			1	0	0				S 6		
	WALTERSBURG, MIS	1505		10			1	0	0		38		S 9		
*MODE, SHELBY, 10N, 4E															
			1961	360	11.8	263.4	18	0	0	13				OEV	3265
	BETHEL, MIS	1682	1961	120			8	0	0				S 12		
	BENOIST, MIS	1742	1961	360			13	0	0				S 8		
	AUX VASES, MIS	1772	1961	10			2	0	0				S 8		
	2 OR MORE PAYS		1961				7	0	0						

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production (M bbls): During 1968	Oil production (M bbls): To end of 1968	Number of wells: Completed to end of 1968	Number of wells: Completed in 1968	Number of wells: Abandoned 1968	Number of wells: Producing end of year	Character of oil: Gr. API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, avg. thickness in feet, structure	Deepest test: Zone	Deepest test: Depth (ft)
MONTROSE, EFFINGHAM, 8N, 7E															
	MCCLOSKY, MIS	2523	1968	10	20.9	20.9	1	1	0	1			L 7	MIS	2566
*MT. AUBURN C, CHRISTIAN, 15N, 1-2W															
	SILURIAN	1890	1943	7060	109.4	6026.0	411	1	6	213	37	0.28	L 15 MU	TRN	2577
*MT. CARMEL ++, WABASH, 1N, 1S, 12W															
			1940	4410	415.5	15715.7	510	8	15	238			A	DEV	4237
	BRIDGEPORT, PEN	1370		1080			5	0	0		34		S 20	AL	
	BIEHL, PEN	1470					59	3	5		36	0.28	S 20	AL	
	JORDAN, PEN	1520					6	0	0				S 15	AL	
	PALESTINE, MIS	1580		40			4	0	0				S 10	AL	
	WALTERSBURG, MIS	1690		30			3	0	0		36		S 10	AL	
	TAR SPRINGS, MIS	1790		430			35	4	1		35		S 13	AL	
	JACKSON, MIS	2020		10			1	0	0				S 25	AL	
	CYPRESS, MIS	2025		3550			320	2	7		38	0.17	S 15	AL	
	SAMPLE, MIS	2095		180			4	0	0		37		S 7	AL	
	BETHEL, MIS	2110					13	0	2		35		S 16	AL	
	OHARA, MIS	2320		1260			17	0	0		35		DL 5	AC	
	SPAR MTN, MIS	2350					14	0	0		39	0.26	S 5	AL	
	MCCLOSKY, MIS	2360					65	0	0		37	0.42	DL 5	AC	
	SALEM, MIS	2696		10			1	0	0				L 14		
	2 OR MORE PAYS						55	1	0						
MT. ERIE N, WAYNE, 1N, 9E															
			1944	200	1.7	386.5	13	0	0	1			M	MIS	3366
	AUX VASES, MIS	3110		110			5	0	0		40		S 3	ML	
	OHARA, MIS	3170		130			2	0	0				L 6	MC	
	MCCLOSKY, MIS	3240					5	0	0		37		L 5	MC	
				A8O 1966, REV 1967											
MT. OLIVE +, MONTGOMERY, 8N, 5W															
	POTTSVILLE, PEN	605	1942	80	0.0		6	0	0	0	33	0.16	S 6	A	SIL 1878
MT. VERNON, JEFFERSON, 3S, 3E															
			1943	220	7.3	331.1	13	0	0	5			A	MIS	3262
	AUX VASES, MIS	2665		70			5	0	0		36		S 8	A	
	OHARA, MIS	2750		150			2	0	0				L 6	AC	
	MCCLOSKY, MIS	2800					8	0	0		39	0.13	L 7	AC	
	2 OR MORE PAYS						2	0	0						
MT. VERNON N, JEFFERSON, 2S, 3E															
	MCCLOSKY, MIS	2675	1956	20	0.9	58.6	2	0	0	2			L 6	MIS	2751
MURDOCK, DOUGLAS, 16N, 10E															
	PENNSYLVANIAN	370	1955	10			3	0	1	0	36		S 16	PEN	424
				A8O 1957, REV 1961, A8D 1968											
NASON, JEFFERSON, 3-4S, 2E															
			1943	30	0.5	48.1	3	0	0	1			ML	MIS	3925
	OHARA, MIS	2758	1962	30			1	0	0		37		L 4		
	SPAR MTN, MIS	2790	1943				2	0	0		37		S 12	ML	
NEW BADEN E, CLINTON, 1N, 5W															
	SILURIAN	1935	1958	280	11.3	156.0	19	1	0	11	39		L 15	R	SIL 2200
NEW BELLAIR, CRAWFORD, 8N, 13W															
			1942	150	0.0	10.0	8	0	0	2				M	DEV 2801
	ISABEL, PEN	650		130	0.0		2	0					S 3	ML	
	PENNSYLVANIAN	1165			0.0	10.0	3	0			29	0.30	S 10	ML	
	AUX VASES, MIS	1280		40	0.0		3	0					S 20	M	
				A8D 1948, REV 1952, A3D 1954, REV 1956											
NEW CITY, SANGAMON, 14N, 4W															
	SILURIAN	1730	1954	320	12.5	163.1	28	2	0	13	39		L 11	MU	SIL 1855
NEW CITY S, CHRISTIAN, 14N, 4W															
	SILURIAN	2008	1963	20	1.1	59.7	2	0	0	2			17		SIL 1918
NEW DOUGLAS S, BOND, 6N, 5W															
	PENNSYLVANIAN	640	1957	20	0.0	3.4	2	0	0	0			S 7		PEN 705
				A8D 1960											

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
*NEW HARMONY C ++, WHITE, WABASH, EDWARDS, 1N, 1-5S, 13-14W																	
			1939	24700	3824.8	140606.2	2511	13	65	1159					A	SHK	7682
	JAMESTOWN, PEN	720		1720			3	0	0		32		S	13	AL		
	BRIDGEPORT, PEN	1340					8	0	1				S	7	AL		
	MANSFIELD, PEN							0	0				S		AL		
	BIEHL, PEN	1850					121	1	9		33		S	20	AL		
	JORDAN, PEN	1760						0	0				S		AL		
	OEGGNIA, MIS	1925		130			10	0	0		34		S	10	AL		
	CLORE, MIS	1980		50			8	0	1				S	10	AL		
	PALESTINE, MIS	2000		260			22	0	0		23		S	10	AL		
	WALTERSBURG, MIS	2155		1180			118	2	1		36	0.40	S	20	AL		
	TAR SPRINGS, MIS	2215		2370			201	1	4		31	0.19	S	26	ALF		
	HAROINSBURG, MIS	2290	1958	20			1	0	0				L	10	ALF		
	CYPRESS, MIS	2570		10760			1045	1	20		35		S	20	ALF		
	SAMPLE, MIS	2660		10740			60	0	0		36		S	20	ALF		
	BETHEL, MIS	2700					860	10	34		37	0.24	S	27	ALF		
	RENAULT, MIS	2761		10			1	0	1					8			
	AUX VASES, MIS	2800		8300			614	2	9		38	0.19	S	15	ALF		
	OHARA, MIS	2900		4840			35	1	0		39		OL	6	AC		
	SPAR MTN, MIS	2910					44	0	2		38		LS	10	AC		
	MCCLOSKY, MIS	2925					256	0	2		37	0.33	OL	8	AC		
	ST. LOUIS, MIS	3153		60			6	0	0				L				
	SALEM, MIS	3364	1959	50			7	0	0				L	16	AC		
	HARRODSBURG, MIS	3755		30			3	0	0		36		L	5	AC		
	2 OR MORE PAYS						431	3	15								
NEW HARMONY S (ILL), WHITE, 5S, 14W																	
			1941	90	2.8	100.2	8	0	0	1					A	MIS	3207
	WALTERSBURG, MIS	2250		30			3	0	0		35		S	18	AF		
	TAR SPRINGS, MIS	2350		10			1	0	0				S	15	AF		
	CYPRESS, MIS	2670		10			1	0	0				S	8	AF		
	BETHEL, MIS	2815		20			2	0	0				S	10	AF		
	AUX VASES, MIS	3005		10			1	0	0				S	7	AF		
	MCCLOSKY, MIS	3010		20			1	0	0				L	5	AF		
	2 OR MORE PAYS						1	0	0								
*NEW HARMONY S (IND) ++, WHITE, 5S, 14W																	
			1946	50	0.0	446.4	6	0	0	4					T	MIS	3068
	OEGGNIA, MIS	1650		20			2	0	0				S	8	TF		
	PALESTINE, MIS	1955		50			1	0	0				S	10	TF		
	WALTERSBURG, MIS	2120		50			3	0	0				S	30	TF		
	2 OR MORE PAYS						2	0	0								
*NEW HAVEN C ++, WHITE, 7S, 10-11E																	
			1941	630	49.1	2209.1	50	0	9	28					A	MIS	2980
	TAR SPRINGS, MIS	2105		250			19	0	2		38	0.27	S	12	AF		
	HAROINSBURG, MIS	2245		10			1	0	0		36		S	8	AF		
	CYPRESS, MIS	2445		450			17	0	5		39		S	12	AF		
	AUX VASES, MIS	2720		110			8	0	3		38		S	15	AF		
	OHARA, MIS	2799	1959	120			2	0	0				L	12	A		
	SPAR MTN, MIS	2828	1960				1	0	0				L	15	A		
	MCCLOSKY, MIS	2820					5	0	0		35		OL	6	AC		
	2 OR MORE PAYS						6	0	1								
NEW HEBRON E +, CRAWFORD, 6N, 12W																	
	AUX VASES, MIS	1555	1954	50	0.0	0.3	4	0	0	1			S	4		MIS	1571
NEW MEMPHIS, CLINTON, 1N, 1S, 5W																	
	SILURIAN	1980	1952	640	52.4	2126.1	36	0	2	34	41		L		R	TRN	2900
NEW MEMPHIS E, WASHINGTON, 1S, 4W																	
	DEVONIAN	2170	1957	20	2.5	14.2	2	0	0	2	40		L	12		ORD	3070
NEW MEMPHIS N, CLINTON, 1N, 5W																	
	DEV-SIL	2050	1954	90	1.2	40.2	7	0	0	7	40		L	15		ORD	2915
NEW MEMPHIS S, CLINTON, WASHINGTON, 1S, 5W																	
	SILURIAN	2000	1952	20	0.0	0.7	2	0	0	0	27		L	25		ORD	2914
				ABD 1952, REV 1956, ABD 1961													
*NEWTON, JASPER, 6N, 9E																	
	STE. GEN, MIS	2950	1944	40	0.0	91.3	5	0	0	0	37		L	6	MC	MIS	3040
				ABD 1962													
NEWTON N, JASPER, 7N, 10E																	
	MCCLOSKY, MIS	2855	1945	90	0.0	6.9	6	0	0	0			L	5	MC	MIS	2941
				ABD 1948, REV 1960, ABD 1966													

TABLE 8 - ILLINOIS OIL POOL STATISTICS, 1968 - Continued

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
NEWTON W, JASPER, 6-7N, 9E																	
			1947	550	16.7	282.7	35	1	2	15						MIS	3425
	SPAR MTN, MIS	2912	1962	550			12	0	1				L	5			
	MCCLOSKY, MIS	3000	1947				29	0	2		38		L	7	MC		
	2 OR MORE PAYS						6	0	1								
				A&D 1953, REV 1961													
NOBLE W, CLAY, 3N, 8E																	
	MCCLOSKY, MIS	3035	1951	10	0.0	9.3	1	0	0	0			L	8		MIS	3622
				A&D 1959													
*OAKDALE, JEFFERSON, 2S, 4E																	
			1956	390	22.6	795.5	30	0	0	22						MIS	3767
	AUX VASES, MIS	2860		370			26	0	0		38		S	35			
	MCCLOSKY, MIS	2985	1956	70			5	0	0		37		L	5			
	2 OR MORE PAYS						1	0	0								
*OAKDALE N, JEFFERSON, 2S, 4E																	
	MCCLOSKY, MIS	2932	1960	170	48.7	544.9	12	0	0	7			OL	5		MIS	3077
OAKLEY, MACON, 16N, 3E																	
	CEDAR VALLEY, DEV	2285	1954	150	0.0	22.9	9	0	0	1	37		L	5		DEV	2335
*OAK POINT, CLARK, JASPER, 8-9N, 14W																	
			1952	770	37.8	445.0	61	6	0	39					M	DEV	2591
	ISABEL, PEN	560		10			1	0	0				S	10	ML		
	AUX VASES, MIS	1185	1955	670			53	2	0		37		S	17			
	CARPER, MIS	2220		90			7	4	0				L		ML		
OAK POINT W, CLARK, CUMBERLAND, 9N, 11E, 14W																	
	AUX VASES, MIS	1190	1955	120	1.4	15.9	10	1	0	7	35		S	8		MIS	1560
*ODIN, MARION, 2N, 1-2E																	
			1945	340	2.9	1807.3	32	1	0	24					A	DEV	3597
	CYPRESS, MIS	1750		340			29	0	0		37		S	13	AL		
	BENOIST, MIS	1912	1963	10			1	0	0				S	3			
	MCCLOSKY, MIS	2085	1957	20			3	1	0				L	12	A		
OKAWVILLE, WASHINGTON, 1S, 4W																	
	SILURIAN	2325	1951	50	1.4	63.3	4	0	0	3	40		L	3	R	SIL	2603
OKAWVILLE N, WASHINGTON, 1S, 4W																	
	SILURIAN	2235	1955	80	0.2	29.4	7	0	2	3	41		L			SIL	2498
*OLD RIPLEY, BOND, 5N, 4W																	
			1954	880	11.0	435.2	75	0	0	61						DEV	2221
	PENNSYLVANIAN	600	1954	870			74	0	0		34		S	17	A		
	AUX VASES, MIS	941	1964	10			1	0	0				S	19			
OLD RIPLEY N, BOND, 5N, 4W																	
	HARDIN, DEV	1991	1962	20	0.0	3.0	1	0	0	0			S	1		DEV	2040
				A&D 1966													
*OLNEY C, RICHLAND, JASPER, 4-5N, 10																	
			1938	3680	122.6	7674.9	211	12	5	56					A	MIS	3850
	AUX VASES, MIS	2918	1960	80			5	0	0		37		S		A		
	OHARA, MIS	3005		3620			15	0	0		37	0.19	L	6	A		
	SPAR MTN, MIS	3050					65	11	3		37	0.19	L	5	A		
	MCCLOSKY, MIS	3100					133	2	3		37	0.19	L	6	A		
	2 OR MORE PAYS						9	1	1								
*OLNEY S, RICHLAND, 3N, 10E																	
			1937	950	13.4	969.8	58	1	8	25					M	DEV	4910
	OHARA, MIS	3142	1962	950			1	0	0				L	4			
	SPAR MTN, MIS	3100					37	1	7		35		L	4	MC		
	MCCLOSKY, MIS	3115					36	0	4		37		L	3	MC		
	2 OR MORE PAYS						18	0	3								
*OMAHA +, GALLATIN, 7-8S, 8E																	
			1940	1750	183.8	4836.4	160	0	3	127					O	MIS	3408

Pool, County, location by township and range (*Secondary recovery - see Part II)	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production (M bbls): During 1968	Oil production (M bbls): To end of 1968	Number of wells: Completed to end of 1968	Number of wells: Completed in 1968	Number of wells: Abandoned 1968	Number of wells: Producing end of year	Character of oil: Gr. API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, avg. thickness in feet, structure	Deepest test: Zone	Deepest test: Depth (ft)
*OMAHA +, GALLATIN, 7-8S, 8E	(CONTINUED FROM PREVIOUS PAGE)														
	JAKE CREEK, PEN	385		340			15	0	0		26		S 20 D		
	PENNSYLVANIAN	580					5	0	0		19		S 10 D		
	BIEHL, PEN	1335					5	0	0		22		S 10 D		
	PALESTINE, MIS	1700		410			27	0	1		27	0.24	S 15 D		
	TAR SPRINGS, MIS	1900		160			9	0	0		27		S 15 D		
	HAROLDSBURG, MIS	2179	1961	80			6	0	0				S 18 D		
	CYPRESS, MIS	2402	1959	150			12	0	0				S 12 D		
	PAINT CREEK, MIS	2450	1961	40			1	0	0				S 10		
	BETHEL, MIS	2570	1955				3	0	0				S 14 D		
	AUX VASES, MIS	2730	1955	890			67	0	2		40		S 20 D		
	OHARA, MIS	2734	1958	350			18	0	1		37		L 14 D		
	SPAR MTN, MIS	2722	1958				5	0	0				S 8 D		
	MCCLOSKY, MIS	2800	1961				6	0	0				L D		
	2 OR MORE PAYS						16	0	1						
OMAHA E, GALLATIN, 8S, 8E															
			1946	130	0.0	61.2	11	0	0	1			M	MIS	3000
	CYPRESS, MIS	2530	1957	30			3	0	0				S 6 M		
	AUX VASES, MIS	2790		10			1	0	0				S M		
	OHARA, MIS	2855		90			3	0	0		37		L 8 MCF		
	SPAR MTN, MIS	2942	1960				1	0	0				L 9 MCF		
	MCCLOSKY, MIS	2884	1958				3	0	0		38		L 10 MCF		
*OMAHA S, GALLATIN, SALINE, 8S, 7-8E															
			1951	110	0.0	23.5	7	0	0	0			N	MIS	3035
	CYPRESS, MIS	2535		90		18.0	5	0	0				S 15 NL		
	AUX VASES, MIS	2870	1955	10		0.0	1	0	0				S 11 N		
	SPAR MTN, MIS	2865		10		5.0	1	0	0				L 1 NC		
				ABD 1965											
OMAHA W, SALINE, GALLATIN, 7-8S, 7-8E															
			1950	160	51.9	263.1	12	4	0	10			A	MIS	3025
	CYPRESS, MIS	2600		60			5	0	0		37		S 14 AL		
	SAMPLE, MIS	2600	1967	80			5	4	0				S 12		
	AUX VASES, MIS	2800		20			2	0	0				S 30 AL		
	MCCLOSKY, MIS	2910		10			1	0	0				L 8 AC		
	2 OR MORE PAYS						1	0	0						
OMEGA, MARION, 3N, 4E															
			1946	70	0.3	25.4	5	0	1	0				MIS	2595
	BENOIST, MIS	2280	1963	10			1	0	0				S 3		
	MCCLOSKY, MIS	2490	1946	60			4	0	1				L 10 O		
				ABD 1949, REV 1953, ABD 1968											
OPDYKE, JEFFERSON, 3S, 4E															
			1961	40	0.0	7.2	2	0	0	0				MIS	3175
	OHARA, MIS	3016	1962	40			1	0	0				L 8		
	MCCLOSKY, MIS	3074	1961				2	0	0				OL 20		
	2 OR MORE PAYS						1	0	0						
				ABD 1967											
*ORCHARDVILLE, WAYNE, 1N, 5E															
			1950	200	14.2	260.2	17	0	0	12			A	MIS	4000
	SAMPLE, MIS	2655	1958	10			1	0	0				S A		
	AUX VASES, MIS	2800		190			13	0	0		38		S 16 AL		
	OHARA, MIS	2880		60			2	0	0		37		L 3 AC		
	MCCLOSKY, MIS	2905					4	0	0				L 5 AC		
ORCHARDVILLE N, WAYNE, 1N, 5E															
	PAINT CREEK, MIS	2655	1956	10	0.0	14.0	1	0	0	0			S 6	DEV	4684
				ABD 1964											
ORIENT, FRANKLIN, 7S, 2E															
	AUX VASES, MIS	2660	1965	30	18.2	68.5	3	0	0	3	38		S 24	MIS	2950
ORIENT N, FRANKLIN, 7S, 2E															
	AUX VASES	2680	1967	10			1	0	0	1			S 4	MIS	3049
*OSKALOOSA, CLAY, 3-4N, 5E															
			1950	470	25.5	2543.0	42	0	2	12			A	DEV	4480
	BENOIST, MIS	2595		450			40	0	2		37		S 15 A		
	AUX VASES, MIS	2643	1958	140			11	0	0		37		S A		
	MCCLOSKY, MIS	2755	1957	250			12	0	0				L 5 A		
	2 OR MORE PAYS						10	0	0						
*OSKALOOSA E, CLAY, 3N, 5-6E															
				20	0.0	35.2	3	0	0	0			A	MIS	3397

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production (M bbls): During 1968	Oil production (M bbls): To end of 1968	Number of wells: Completed to end of 1968	Number of wells: Completed in 1968	Number of wells: Abandoned 1968	Number of wells: Producing end of year	Character of oil: Gr. API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, avg. thickness in feet, structure	Deepest test: Zone	Deepest test: Depth (ft)
*OSKALOOSA E, CLAY, 3N, 5-6E							(CONTINUED FROM PREVIOUS PAGE)								
	AUX VASES, MIS	2820		10		7.0	2	0	0				S 5 AL		
	MCCLOSKY, MIS	2895		10		28.0	1	0	0				L 4 AC		
				A80 1954											
OSKALOOSA S, CLAY, 3N, 5E															
	MCCLOSKY, MIS	2770	1951	110	5.1	49.3	9	0	0	1	33		L 4 AC	MIS	2883
PANA, CHRISTIAN, 11-12N, 1E															
	BENOIST, MIS	1470	1951	60	3.6	101.2	5	0	0	4	37		S 8	DEV	2847
PANAMA +, BOND, MONTGOMERY, 7N, 3-4W															
			1940	60	0.2	21.8	6	0	0	2			A	DEV	2016
	GOLCONDA, MIS	705		40			4	0	0		31		L 12 A		
	BENOIST, MIS	865		20			2	0	0		28		S 12 A		
PANKEYVILLE, SALINE, 9S, 6E															
			1956	30	0.0	6.1	2	0	0	1				MIS	2742
	CYPRESS, MIS	2250	1956	20		6.1	2	0	0				S		
	AUX VASES, MIS	2511	1961	10			1	0	0				S 22		
				A80 1957, REV 1951											
PANKEYVILLE E, SALINE, 9S, 7E															
			1956	10	0.0	0.0	1	0	0	0				MIS	2604
	CYPRESS, MIS	2250		10			1	0	0				S		
	PAINT CREEK, MIS	2360		10			1	0	0				S 13		
	2 OR MORE PAYS						1	0	0						
				A80 1957											
*PARKERSBURG C, RICHLAND, EDWARDS, 1-3N, 10-11E, 14W															
			1941	5140	64.6	10821.9	301	2	10	77			A	DEV	5128
	PENNSYLVANIAN	2100	1967	10			1	0	1				S 18		
	WALTERSBURG, MIS	2430		110			9	0	0		39		S 10 A		
	TAR SPRINGS, MIS	2440	1967	10			1	0	0				S 2 A		
	CYPRESS, MIS	2830		180			10	1	1		36		S 12 A		
	BETHEL, MIS	2930		300			19	0	1		30		S 12 A		
	AUX VASES, MIS	3070		20			2	1	1				S 20 A		
	OHARA, MIS	3100		4550			4	0	0				L 10 A		
	SPAR MTN, MIS	3150					52	1	1		36	0.34	L 10 A		
	MCCLOSKY, MIS	3175					192	0	6		36	0.31	OL 10 A		
	2 OR MORE PAYS						31	1	1						
PARKERSBURG S, EDWARDS, 1N, 14W															
			1948	100	1.3	77.2	9	0	0	5				MIS	3187
	PENNSYLVANIAN	1400		70			6	0	0		35		S 10		
	CYPRESS			10			1	0	0				S		
	BETHEL, MIS	2815		20			3	0	0		35		S 5		
PARKERSBURG W, RICHLAND, EDWARDS, 2N, 10E															
			1943	310	0.0	234.5	18	0	0	1			A	MIS	3780
	OHARA, MIS	3220		390			1	0	0				L 5 AC		
	MCCLOSKY, MIS	3260					17	0	0		38		L 6 AC		
				A3D 1962, REV 1964											
PARNELL, DEWITT, 21N, 4E															
			1963	410	12.8	23.8	29	3	1	28	32		S 12	TRN	1971
	SONORA, MIS	671	1963	390		23.4	26	3	1		32		S 12		
	DEVONIAN		1964	20		0.4	3	0	0				S 12		
*PASSPORT, CLAY, 4-5N, 8E															
			1945	980	75.7	3195.6	63	0	0	37			A	MIS	3831
	AUX VASES, MIS	2924	1964	10			3	0	0				S 6		
	SPAR MTN, MIS	3005		970			2	0	0		38		L 5 AC		
	MCCLOSKY, MIS	3020					59	0	0		37		L 10 A		
	2 OR MORE PAYS						1	0	0						
PASSPORT N, RICHLAND, 5N, 9E															
	AUX VASES, MIS	2940	1959	60	3.3	48.7	5	0	0	3	36		S 10	MIS	3200
*PASSPORT S, RICHLAND, CLAY, 4N, 8-9E															
			1948	130	0.0	171.9	11	0	0	1			A	MIS	3692
	TAR SPRINGS, MIS	2368	1962	10			1	0	0				S 9		
	CYPRESS, MIS	2665		80			7	0	0		38		S 15 AL		
	AUX VASES, MIS	2957	1960	10			1	0	0				S 8 A		
	SPAR MTN, MIS	3025		40			1	0	0				L 6 AC		
	MCCLOSKY, MIS	3030					2	0	0		38		L 8 AC		
	2 OR MORE PAYS						1	0	0						

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
PASSPORT W, CLAY, 4N, 8E																	
	STE. GEN, MIS	3030	1954	150	0.0	69.4	10	0	0	0	37		L	5	AC	MIS	3130
				A80 1967													
*PATOKA, MARION, CLINTON, 3-4N, 1E, 1W																	
			1937	1560	124.2	14172.0	239	0	1	108					D	ORD	4056
	CYPRESS, MIS	1280		60			8	0	0		39		S	10	D		
	BENOIST, MIS	1410		1000			180	0	0		37	0.16	S	27	D		
	SPAR MTN, MIS	1550		510			15	0	0		41	0.31	S	9	D		
	GENEVA, DEV	2835		30			3	0	0		40	0.38	D	10	D		
	TRENTON, ORD	3950	1956	630			34	0	1		42		L	25	D		
	2 OR MORE PAYS						2	0	0								
*PATOKA E, MARION, 4N, 1E																	
			1941	560	116.3	5031.5	54	0	1	38					D	ORD	4178
	CYPRESS, MIS	1340		560			54	0	1		36	0.18	S	15	D		
	BENOIST, MIS	1465		50			5	0	0		36	0.23	S	10	D		
	MCCLOSKY, MIS	1635		40			3	0	0		34		L	8	D		
	GENEVA, DEV	2950		20			2	0	0		35		D	30	R		
*PATOKA S, MARION, 3N, 1E																	
			1953	960	133.1	1825.7	76	4	0	57					A	MIS	1728
	CYPRESS, MIS	1350	1953	770			57	2	0		36		S	10	A		
	BENOIST, MIS	1461	1959	220			19	3	0		38		S	15	A		
	SPAR MTN, MIS	1624	1959	40			1	0	0				S	5	A		
	2 OR MORE PAYS						1	1	0								
PATOKA W, FAYETTE, 4N, 1W																	
	BENOIST, MIS	1380	1950	200	0.0	303.6	20	0	0	0	32		S	6	A	MIS	1735
				A80 1965													
*PHILLIPSTOWN C, WHITE, EDWARDS, 3-5S, 10-11E, 14W																	
			1939	6520	712.1	24074.5	569	9	20	320					A	DEV	5350
	ANVIL ROCK, PEN	795		1540			1	0	0		36		S	10	AF		
	CLARK-BROGPT, PEN	1350					14	0	0		36		S	10	AF		
	PENNSYLVANIAN	1450					13	1	0		36		S	10	AF		
	BUCHANAN, PEN	1550					24	0	0		30		S	15	AF		
	BIEHL, PEN	1875					70	4	3		33	0.22	S	15	AF		
	KINKAID, MIS	1954	1961	10			1	0	0				S	17	AF		
	DEGONIA, MIS	1975		730			58	1	2		36		S	15	AF		
	CLORE, MIS	2010		160			15	0	1		34		S	12	AF		
	PALESTINE, MIS	2050		90			8	0	0				S	11	AF		
	WALTERSBURG, MIS	2280		80			8	0	0		34		S	11	AF		
	TAR SPRINGS, MIS	2295		1080			87	1	5		35		S	15	AF		
	CYPRESS, MIS	2720		520			46	0	3		36		S	12	AF		
	PAINT CREEK, MIS	2780		1530			7	0	0		37		S	9	AF		
	BETHEL, MIS	2810					108	0	7		36		S	15	AF		
	AUX VASES, MIS	2880		960			73	2	6		37		S	15	AF		
	OHARA, MIS	3010		2000			28	0	0		36		L	10	ACF		
	SPAR MTN, MIS	2960					35	1	2		38	0.21	LS	10	ACF		
	MCCLOSKY, MIS	3000					69	1	3		34	0.21	L	5	ACF		
	2 OR MORE PAYS						94	2	12								
				CLARK-BRIDGEPORT, PEN WAS ABBREVIATED AS CLARK-BROGPT, PEN													
*PHILLIPSTOWN S, WHITE, 5S, 10E																	
			1951	190	5.7		14	0	3	5					M	MIS	3151
	TAR SPRINGS, MIS	2345	1951	100			7	0	0				S	10	MF		
	AUX VASES, MIS	2985	1951	60			5	0	3		38		S	10	MF		
	SPAR MTN, MIS	3083	1961	20			1	0	0				L	8	MF		
	MCCLOSKY, MIS	3065	1957				1	0	0				L	4	M		
PINKSTAFF, LAWRENCE, 4N, 11W																	
	MCCLOSKY, MIS	1735	1951	10	0.0	0.1	1	0	0	0			L	4		MIS	1797
				A80 1951													
PINKSTAFF E, LAWRENCE, 4N, 11W																	
	MCCLOSKY, MIS	1640	1955	10	0.0		1	0	0	0	35		L	5		MIS	2193
				A80 1961													
PITTSBURG N +, WILLIAMSON, 8S, 3E																	
	AUX VASES, MIS	2578	1964	20	3.0	22.8	2	0	0	2	37		SL	8		MIS	3070
PIXLEY, CLAY, 4N, 8E																	
	CYPRESS, MIS	2680	1959	20	0.0		2	0	0	0			S	9		MIS	3121
				A80 1960													
PLAINVIEW +, MACOUPIN, 9N, 5W																	
	PENNSYLVANIAN	410	1942	10	0.0	2.0	1	0	0	0	34		S	5		PEN	513

TABLE 8 - ILLINOIS OIL POOL STATISTICS, 1968 - Continued

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
PLAINVIEW S, MACOUPIN, 8N, 6W																	
	PENNSYLVANIAN	444	1959	10 ABD 1962	0.0		1	0	0	0	23		S	8		PEN	642
POSEN, WASHINGTON, 3S, 2W																	
	TRENTON, ORD	3900	1952	50	2.8	87.6	4	0	0	1	37		L	25	A	ORD	3954
POSEN N, WASHINGTON, 3S, 2W																	
	TRENTON, ORD	4015	1953	10 ABD 1959	0.0	3.9	1	0	0	0			L	15	AC	ORD	4112
POSEN S, WASHINGTON, 3S, 2W																	
	BENOIST, MIS	1255	1955	50 ABD 1959	0.0		4	0	0	0			S	2		MIS	1300
POSEY, CLINTON, 1N, 2W																	
			1941	260	53.6	199.5	24	0	0	22					M	SIL	2798
	CYPRESS, MIS	1105	1941	250			23	0	0		36	0.18	S	5	M		
	DEVONIAN	2675	1959	10			1	0	0				L	5	M		
POSEY E, CLINTON, 1N, 2W																	
	DEV-SIL	2740	1952	460	18.4	451.1	26	0	0	24	38		L	8		DEV	2805
POSEY W, CLINTON, 1N, 3W																	
	DEVONIAN	2585	1954	10 ABD 1954	0.0	0.8	1	0	0	0			L	15		DEV	2604
PRENTICE +, MORGAN, 16N, 8W																	
	PENNSYLVANIAN	270	1953	30	0.0	0.0	3	0	0	0			S	10		ORD	1513
PYRAMID, WASHINGTON, 2S, 1W																	
	DEVONIAN	3109	1962	100	1.3	42.5	6	0	0	2	36		S	6		DEV	3255
*RACCOON LAKE, MARION, 1N, 1E																	
			1949	380	23.2	3307.3	47	0	0	16					D	SIL	3530
	CYPRESS, MIS	1625		240			18	0	0		34		S	10	D		
	BENOIST, MIS	1715	1957	20			2	0	0				S	15	OL		
	OHARA, MIS	1885		190			1	0	0				L	5	OC		
	SPAR MTN, MIS	1930					11	0	0		36		S	12	OC		
	MCCLOSKY, MIS	1950					13	0	0		36		L	10	OC		
	DEV-SIL	3330		270			15	0	0				D	10	R		
	2 OR MORE PAYS						10	0	0								
*RALEIGH, SALINE, 7-8S, 6E																	
			1953	570	70.1	2073.6	49	0	0	18					A	MIS	3249
	TAR SPRINGS, MIS	2235		20			2	0	0				S	20	A		
	CYPRESS, MIS	2550		440			38	0	0		34		S	12	A		
	PAINT CREEK, MIS	2738	1958	10			1	0	0				S	5	A		
	AUX VASES, MIS	2905		80			8	0	0		38		S	5	A		
	OHARA, MIS	3054	1959	20			1	0	0				L	3	A		
	SPAR MTN, MIS	3025	1957				1	0	0				LS	10	A		
	2 OR MORE PAYS						2	0	0								
*RALEIGH S +, SALINE, 8S, 5-6E																	
			1955	370	39.9	1121.7	34	0	0	19						MIS	3092
	WALTERSBURG, MIS	2046	1959	60			4	0	0		39		S	10			
	BETHEL, MIS	2739	1958	10			1	0	0				S	8			
	AUX VASES, MIS	2860	1955	300			30	0	0		40		S	16			
	2 OR MORE PAYS		1958				1	0	0								
RAYMOND, MONTGOMERY, 10N, 4-5W																	
	POTTSVILLE, PEN	590	1940	60	0.7	26.7	10	0	0	3	35	0.22	S	10	ML	DEV	2049
*RAYMOND E, MONTGOMERY, 10N, 4W																	
	PENNSYLVANIAN	595	1951	60	0.2	28.5	5	0	0	2	34		S	10		MIS	1033
RAYMOND S, MONTGOMERY, 10N, 4W																	
	UNNAMED, PEN	603	1959	10 ABD 1959	0.0	0.0	1	0	0	0			S	5		PEN	680

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
RESERVOIR, JEFFERSON, 1S, 3E																	
			1950	250	26.7	421.6	16	0	0	8					MC	MIS	3211
	SPAR MTN, MIS	2443	1959	240			2	0	0				S	7	M		
	MCCLOSKY, MIS	2700	1950				14	0	0		37		L	6	MC		
	SALEM, MIS	3034	1961	10			1	0	0				L	12	M		
*RICHVIEW, WASHINGTON, 2S, 1W																	
	CYPRESS, MIS	1500	1946	730	157.3	1383.4	80	0	2	73	39		S	12	AL	MIS	3291
RIDGWAY, GALLATIN, 8S, 8E																	
			1946	20	0.0	0.1	2	0	0	0					MC	MIS	2938
	PALESTINE, MIS	1730	1955	10		0.0	1	0	0				S	18	ML		
	MCCLOSKY, MIS	2840	1945	10		0.1	1	0	0				L	6	MC		
				A&D 1946, REV 1955, A&D 1956													
RIFFLE, CLAY, 4N, 6E																	
	SPAR MTN, MIS	2735	1948	80	0.0	80.9	5	0	0	0	36		L	7	MC	MIS	2848
				A&D 1961													
RINARD, WAYNE, 2N, 7E																	
	MCCLOSKY, MIS	3145	1937	10	0.0	7.0	1	0	0	0	39		L	5	AC	MIS	3280
				A&D 1942													
RINARD N, WAYNE, 2N, 7E																	
			1952	270	17.1	279.0	20	2	0	10					M	MIS	3467
	SPAR MTN, MIS	3135		270			1	0	0				L	6	MC		
	MCCLOSKY, MIS	3140					19	2	0		39		L	5	MC		
RINARD S, WAYNE, 1N, 6E																	
	SPAR MTN, MIS	3268	1965	10	0.0	0.8	1	0	0	0			L	4		MIS	3347
				A&D 1966													
RITTER, RICHLAND, 3N, 10-11E																	
	STE. GEN, MIS	3215	1950	110	0.0	252.4	6	0	0	2			L	5		MIS	3325
				A&D 1960, REV 1961													
*RITTER N, RICHLAND, 3N, 11E																	
			1951	180	0.0	161.3	11	0	0	0						MIS	3288
	OHARA, MIS	3203	1960	180			1	0	0		39		L	6			
	SPAR MTN, MIS	3215	1952	#			8	0	0				L	6			
	MCCLOSKY, MIS	3205	1951	#			3	0	0				L	5			
	2 OR MORE PAYS		1960				1	0	0								
				A&D 1967													
RIVERTON S, SANGAMON, 15N, 4W																	
	SILURIAN	1590	1965	40	19.9	55.5	3	0	0	3			D	8		SIL	1670
ROACHES, JEFFERSON, 2S, 1E																	
			1938	180	0.0	619.8	13	0	0	2					A	DEV	3840
	BENDIST, MIS	2000		10			3	0	0				S		AL		
	OHARA, MIS	2170		170			3	0	0		37	0.22	L	5	AC		
	SPAR MTN, MIS	2190					8	0	0		37	0.22	L	12	AC		
	MCCLOSKY, MIS	2250					5	0	0		37	0.22	L	4	AC		
	2 OR MORE PAYS						3	0	0								
*ROACHES N, JEFFERSON, 2S, 1E																	
			1944	370	10.5	1074.1	35	0	0	22					A	TRN	4996
	BENDIST, MIS	1925		420			32	0	0		39		S	7	A		
	SPAR MTN, MIS	2115		60			4	0	0		34		L	8	AC		
	TRENTON	4852	1962	10			1	0	0		42		L	44			
	2 OR MORE PAYS						2	0	0								
ROBY, SANGAMON, 15N, 3W																	
	SILURIAN	1775	1949	210			15	0	0		38		L	5	MU	SIL	1905
				A&D 1951, REV 1954													
ROBY N, SANGAMON, 15N, 3W																	
	SILURIAN	1699	1962	40	0.0	18.3	3	0	0	0			L	4		TRN	2300
				A&D 1964													
ROBY W, SANGAMON, 15N, 3W																	
	HIEBARD, DEV	1655	1957	20	0.4	2.9	2	0	0	1			S	5	MU	TRN	2259
				A&D 1963, REV 1967													

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
*ROCHESTER ++, WABASH, 2S, 13W																	
			1948	370	69.7	2332.9	50	1	1	31					M	MIS	2310
	PENNSYLVANIAN	1300		230			23	1	0		32		S	16	MCF		
	WATERSBURG, MIS	1940		210			28	1	1				S	20	ML		
	2 OR MORE PAYS						4	1	0								
*ROLAND C +, WHITE, GALLATIN, 5-7S, 8-9E																	
			1940	10580	1900.4	47594.8	918	21	50	429					A	DEV	5266
	PENNSYLVANIAN	1410		30			6	1	1		35		S	10	A		
	DEGONIA, MIS	2065		40			4	0	0				S	7	A		
	CLORE, MIS	1993	1963	80			5	1	1		36		S	4			
	PALESTINE, MIS	2085		40			4	0	0		37		S	2	A		
	WALTERSBURG, MIS	2200		1870			118	0	9		31	0.25	S	15	AL		
	TAR SPRINGS, MIS	2300		560			37	1	1		35		S	15	AL		
	HARDINSBURG, MIS	2550		1830			146	1	4		37	0.30	S	20	AL		
	GOLCONDA, MIS	2505	1955	10			1	0	0				S	5	A		
	CYPRESS, MIS	2700		2340			148	11	12		36	0.12	S	15	AL		
	PAINT CREEK, MIS	2800		2230			36	0	0		35		S	12	AL		
	BETHEL, MIS	2800					81	3	20		37	0.20	S	12	AL		
	AUX VASES, MIS	2880		4190			256	10	18		38	0.12	S	13	AL		
	OHARA, MIS	3020		2190			27	2	2		36		OL	6	AC		
	SPAR MTN, MIS	3050					27	2	1		38		L	5	AC		
	MCCLOSKY, MIS	3070					89	7	3		38	0.20	L	5	AC		
	ST. LOUIS, MIS			30			3	0	1				L		AC		
	SALEM, MIS	4089		30			3	0	1				L	19			
	HARRUOSBURG	4050		20			2	1	0				L	4			
	2 OR MORE PAYS						138	11	18								
ROLAND W, SALINE, 7S, 7E																	
	AUX VASES, MIS	2935	1950	10 ABD 1959	0.0	22.3	1	0	0	0			S	15	ML	MIS	3161
ROSE HILL, JASPER, EN, SE																	
	MCCLOSKY, MIS	2655	1966	10	0.3	1.6	1	0	0	1			L	10		MIS	3052
*RUARK, LAWRENCE, 2N, 12-13W																	
			1941	480	17.4	2497.7	49	2	0	28					A	MIS	2442
	PENNSYLVANIAN	1600		380			38	2	0		33		S	10	AL		
	BETHEL, MIS	2075		90			7	0	0		36		S	11	AL		
	AUX VASES, MIS	2145		30			3	0	0		37		S	7	AL		
	OHARA, MIS	2275		10	0.0	0.0	1	0	0				L	5	AC		
	2 OR MORE PAYS						1	0	0								
*RUARK W C, LAWRENCE, 2N, 13W																	
			1947	680	106.1	1135.6	59	0	0	32					M	MIS	3112
	WALTERSBURG, MIS	1780		50			6	0	0				S	10	ML		
	CYPRESS, MIS	2165		10			1	0	0				S	9	ML		
	BETHEL, MIS	2220		580			44	0	0		37		S	20	ML		
	OHARA, MIS	2350		240			4	0	0				L	5	MC		
	SPAR MTN, MIS	2390		#			2	0	0				L	5	MC		
	MCCLOSKY, MIS	2400		#			14	0	0		38		L	3	MC		
	2 OR MORE PAYS						11	0	0								
*RURAL HILL N, HAMILTON, 5S, 5E																	
			1949	100	3.0	210.3	8	0	0	3					M	MIS	3468
	CYPRESS, MIS	2930	1956	90			7	0	0		36		S	10	ML		
	SPAR MTN, MIS	3325		10 ABD 1950, REV 1956			1	0	0				L	3	MC		
RUSHVILLE, SCHUYLER, 2N, 1W																	
	DEV-SIL	743	1966	10			1	0	0	1			L	22		SIL	795
RUSHVILLE NW, SCHUYLER, 2N, 2W																	
	SILURIAN	669	1960	20	0.0	0.5	2	0	0	1			L	3	AC	TRN	1038
RUSSELLVILLE GAS +, LAWRENCE, 4-5N, 10-11W																	
	MCCLOSKY, MIS	1560	1937	10 ABD	0.0	12.4	2	0	0	0			L	7	AC	DEV	3133
RUSSELLVILLE W, LAWRENCE, 2N, 11W																	
	SPAR MTN, MIS	1565	1955	10 ABD 1957	0.0	2.0	1	0	0	0			L	22		MIS	1646
*ST. FRANCISVILLE, LAWRENCE, 2N, 11W																	
	BETHEL, MIS	1845		950 SEE LAWRENCE COUNTY DIVISION FOR PRODUCTION			88	1	1	43	32		S	6	ML	MIS	2365

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of dis-covery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			Ouring 1968	To end of 1968	Com-pleted to end of 1968	Com-pleted in 1968	Aban-doned 1968	Pro-ducing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
*ST. FRANCISVILLE E, LAWRENCE, 2N, 11W																	
			1941	400	23.4	651.4	35	1	0	29					A	MIS	1960
	PENNSYLVANIAN	1260		60			6	0	0		30		S	8	AL		
	WALTERSBURG, MIS	1300		10			1	0	0				S	6	AL		
	HARDINSBURG, MIS	1460		40			3	0	0				S	5	AL		
	CYPRESS, MIS	1605		40			2	0	0		36		S	15	AL		
	BETHEL, MIS	1750		270			22	1	0		40	0.21	S	20	A		
	SPAR MTN, MIS	1822	1963	10			1	0	0				L	5			
*ST. JACOB, MADISON, 3N, 6W																	
	TRENTON, ORD	2260	1942	1050	94.6	3745.7	55	0	0	29	40	0.23	L	17	A	ORD	5019
ST. JACOB E, MADISON, 3N, 6W																	
	HARDIN, DEV	1840	1955	10	0.0	1.1	1	0	0	0	23		S		U	ORD	2600
				ABD 1957													
*ST. JAMES, FAYETTE, 5-6N, 2-3E																	
			1938	2280	320.5	18613.1	263	1	7	154					A	DEV	3470
	GOLCONDA, MIS	1555		10			1	0	0				L	15	A		
	CYPRESS, MIS	1580		1900			200	1	5		34	0.31	S	16	A		
	BENOIST, MIS	1746	1959	10			1	0	0				S	8	A		
	SPAR MTN, MIS	1860		100			10	0	0		38		L	15	A		
	CARPER, MIS	3070	1961	670			52	0	2		37		S	35	A		
	2 OR MORE PAYS						1	0	0								
ST. PAUL, FAYETTE, 5N, 3E																	
			1941	380	21.9	924.1	35	0	0	25					A	DEV	3375
	BENOIST, MIS	1900		240			18	0	0		33	0.23	S	9	A		
	SPAR MTN, MIS	2080		10			1	0	0				L	6	A		
	CARPER, MIS	3288	1963	290			19	0	0		36		S	28			
*STE. MARIE, JASPER, 5N, 10-11E, 14W																	
	STE. GEN, MIS	2900	1941	1190	76.6	1717.6	70	6	4	25	37	0.14	L	8	AC	MIS	3470
STE. MARIE E, JASPER, 6N, 14W																	
	ST. GEN, MIS	2685	1949	60	5.2	10.5	7	0	0	3			L	10	MC	MIS	3191
				ABD 1951, REV 1966													
STE. MARIE W, JASPER, 5-6N, 10E																	
			1949	400	14.9	381.1	20	0	1	15					M	MIS	3225
	AUX VASES, MIS	2720	1949	10			1	0	0		38		S	25	ML		
	MCCLOSKY, MIS	2815		400			20	0	1		40		L	6	MC		
SAILOR SPRINGS CEN, CLAY, 3-4N, 7-8E																	
			1948	70	0.0	6.1	7	0	0	2					M	MIS	3128
	TAR SPRINGS, MIS	2330		50		1.0	5	0	0				S	6	ML		
	SPAR MTN, MIS	3015		20		5.0	2	0	0		36		L	4	MC		
				ABD 1955, REV 1957, ABD 1961, REV 1964													
*SAILOR SPRINGS C, CLAY, EFFINGHAM, JASPER, 3-6N, 6-8E																	
			1938	17390	2253.9	47905.0	1277	47	33	703					A	DEV	4486
	TAR SPRINGS, MIS	2340		720			49	0	0		37	0.17	S	12	A		
	GLEN OEAN, MIS	2390		10			1	0	0				L	8	A		
	CYPRESS, MIS	2550		9210			657	28	17		39	0.28	S	12	A		
	BETHEL, MIS	2740		660			37	0	0		37		S	20	A		
	AUX VASES, MIS	2825		2000			145	4	11		35		S	13	A		
	OHARA, MIS	2900		6950			13	0	2		37		OL	6	A		
	SPAR MTN, MIS	2900					148	14	5				LS	8	A		
	MCCLOSKY, MIS	2925					292	7	7		40		OL	8	A		
	ST LOUIS, MIS	3310	1967	10			1	0	1				L	11	A		
	2 OR MORE PAYS						97	6	7								
SAILOR SPRINGS E, CLAY, 4N, 8E																	
			1944	170	5.4	69.3	14	0	0	2					O	MIS	3514
	CYPRESS, MIS	2695		110			10	0	0				S	8	O		
	MCCLOSKY, MIS	3020	1955	40			4	0	0				L	7	D		
	SALEM, MIS	3550	1967	20			1	0	0				L	6			
				ABD 1952, REV 1955, ABD 1956, REV 1960, ABD 1961, REV 1965													
SAILOR SPRINGS N, CLAY, 4N, 8E																	
			1948	60	0.0	4.8	5	0	0	0					M	MIS	3126
	SPAR MTN, MIS	2985		60			3	0	0				L	2	MC		
	MCCLOSKY, MIS	3030					4	0	0				L	7	MC		
	2 OR MORE PAYS						2	0	0								
				ABD 1949, REV 1950, ABD 1951, REV 1955, ABD 1956, REV 1957, ABD 1960													

TABLE 8 - ILLINOIS OIL POOL STATISTICS, 1968 - Continued

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
*SALEM C, MARION, JEFFERSON, 1-2N, 1S, 1-2E																	
			1938	13580	3934.5	338576.6	2839	1	15	1433					A	PC	9210
	RENOIST, MIS	1780		10830			623	0	2		34		S	40	A		
	AUX VASES, MIS	1825		7590			822	0	4		37	0.21	S	40	A		
	OHARA, MIS	2075		9500			2	0	0		37		L	3	A		
	SPAR MTN, MIS	2100		#			149	0	6		37		LS	15	A		
	MCCLOSKY, MIS	2050		#			885	0	6		35		L	17	A		
	ST. LOUIS, MIS	2100		190			17	1	1		37		L		A		
	SALEM, MIS	2160		1350			274	0	1		37		L	17	A		
	DEVONIAN	3440		5680			638	0	2		35	0.28	L	40	A		
	TRENTON, ORD	4500		1920			98	0	0		37		L	50	A		
	2 OR MORE PAYS						739	0	0								
SAMSVILLE, EDWARDS, 1N, 11E																	
	WALTERSBURG, MIS	2420	1942	40 ABD 1952	0.0	1.0	3	0	0	0			S	7	A	MIS	3303
*SAMSVILLE N, EDWARDS, 1N, 14W																	
	BETHEL, MIS	2900	1945	200	1.2	253.8	16	0	0	2	39		S	6	A	MIS	3220
SAMSVILLE NW, EDWARDS, 1N, 10E																	
	OHARA, MIS	3190	1955	10 ABD 1956	0.0	3.0	1	0	0	0			L	4		MIS	3248
SAMSVILLE W, EDWARDS, 1N, 10E																	
			1951	80	0.0	177.2	5	0	0	1						MIS	3425
	OHARA, MIS	3260		80			3	0	0		40		L	6			
	SPAR MTN, MIS	3275					2	0	0				L	5			
	MCCLOSKY, MIS	3275					2	0	0		38		L	6			
SANDOVAL, MARION, 2N, 1E																	
			1909	500	27.4	6083.0	153	0	0						D	STP	5023
	CYPRESS, MIS	1400		20			1	0	0				S	10	D		
	BENCIST, MIS	1540		480			123	0	0		35		S	20	D		
	GENEVA, DEV	2920		240			28	0	0		37	0.38	D	9	R		
	2 OR MORE PAYS						1	0	0								
SANDOVAL W, CLINTON, 2N, 1W																	
			1946	10	0.0	26.3	1	0	0	0					A	MIS	1604
	CYPRESS, MIS	1420	1946	10		26.3	1	0	0				S	4	A		
	BENDIST, MIS		1961	10 ABD 1960			1	0	0				S		A		
SANTA FE, CLINTON, 1N, 3W																	
	CYPRESS, MIS	955	1944	10 ABD 1947	0.0	1.5	1	0	0	0			S	10	A	DEV	2542
*SCHNELL, RICHLAND, 2N, 9E																	
	MCCLOSKY, MIS	3000	1938	50	5.7	283.9	5	0	1	1	39	0.19	DL	5	AC	MIS	3145
SCHNELL E, RICHLAND, 2N, 9E																	
	MCCLOSKY, MIS	3115	1954	10 ABD 1954	0.0	0.3	1	0	0	0			L	4	AC	MIS	3150
SCIOTA, MCDONOUGH, 7N, 3W																	
	DEVONIAN	519	1960	10 ABD 1960	0.0	0.0	1	0	0	0	28		L	15		SIL	760
*SEMINARY, RICHLAND, 2N, 10E																	
	MCCLOSKY, MIS	3195	1945	120 ABD 1966	0.0	228.4	8	0	0	0	39		L	8	MC	MIS	3330
*SESSER C, FRANKLIN, 5-6S, 1-2E																	
			1942	1610	74.8	2723.3	104	1	1	73					A	DEV	4688
	CYPRESS, MIS	2455		40			2	0	0				S	5	AL		
	RENAULT, MIS	2690		340			26	0	0		39	0.17	S	10	AC		
	AUX VASES, MIS	2700		1230			72	1	1		38	0.17	S	10	AL		
	OHARA, MIS	2675		100			2	0	0				L	8	A		
	SPAR MTN, MIS	2810					4	0	0				L	10	AC		
	MCCLOSKY, MIS	2840					5	0	0				L	5	AC		
	ST. LOUIS, MIS	3002		10			1	0	0				L	20	AC		
	CLEAR CREEK, DEV	4350		120			7	0	0				L		AC		
	2 OR MORE PAYS						14	0	0								
*SHATTUC, CLINTON, 2N, 1W																	
			1945	280	13.3	695.8	36	0	0	19					A	DRO	4078

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
*SHATTUC, CLINTON, 2N, 1W							(CONTINUED FROM PREVIOUS PAGE)										
	CYPRESS, MIS	1280		150			15	0	0		36		S	7	AL		
	BENOIST, MIS	1420		80			7	0	0				S	13	AL		
	TRENTON, ORD	4020		180			15	0	0		42		L	13	A		
SHATTUC N, CLINTON, 2N, 1W																	
	BENOIST, MIS	1445	1961	10	0.0	2.4	1	0	0	0			S	7		MIS	1457
				ABO 1964													
SHAWNEETOWN, GALLATIN, 9S, 9E																	
			1945	80	0.4	16.9	6	1	0	1					M	MIS	2837
	PALESTINE, MIS	1720	1955	40			2	0	0				S	28	M		
	WALTERSBURG, MIS	1900	1955	10			1	0	0				S	12	M		
	TAR SPRINGS, MIS	1960	1955	60			3	0	0				S		M		
	CYPRESS, MIS	2375	1956	10			1	0	0				S	14	M		
	BETHEL, MIS	2400	1968	10			1	1	0				S				
	AUX VASES, MIS	2650		10			1	0	0				S	10	MF		
	2 OR MORE PAYS						2	0	0								
				ABO 1950, REV 1955, ABO 1960, REV 1953													
SHAWNEETOWN E, GALLATIN, 9S, 10E																	
			1952	30	0.0	18.3	4	0	0	2						MIS	2830
	WALTERSBURG, MIS	1855	1955	10			2	0	0				S	10			
	BETHEL, MIS	2480	1955	10			1	0	0				S				
	AUX VASES, MIS	2660		10			1	0	0				S	9			
*SHAWNEETOWN N, GALLATIN, 9S, 10E																	
			1948	50	0.0	104.9	5	0	0	1					MF	MIS	3091
	AUX VASES, MIS	2750	1955	40			3	0	0				S	20	MF		
	MCCLOSKY, MIS	3045		10			1	0	0				L	6	MF		
				ABO 1953, REV 1955													
*SHELBYVILLE C, SHELBY, 11N, 4E																	
	AUX VASES, MIS	1860	1945	110	0.3	38.0	9	0	0	1	34		S	15	A	MIS	3301
SHUMWAY, EFFINGHAM, 9N, 5E																	
	MCCLOSKY, MIS	2223	1965	10	0.0	3.4	1	0	0	1			L	3		MIS	2273
SICILY, CHRISTIAN, 13N, 4W																	
	SILURIAN	1860	1956	70	0.0	69.4	6	0	0	0	39		L	16		SIL	1884
				ABO 1957													
*SIGGINS, CUMBERLAND, CLARK, 10-11N, 10-11E, 14W																	
			1906	4430			1121	8	2	513					D	TRN	3341
	1ST(UP)SIGGINS,PEN	400		4430			835	2	0		36		S	25	D		
	2ND(LO)SIGGINS,PEN	460					94	1	2		36		S		D		
	3RD,4THSIGGINS,PEN	580					208	5	0		37		S	40	D		
				SEE CLARK COUNTY DIVISION FOR PRODUCTION													
SILOAM, BROWN, 2S, 4W																	
	SILURIAN	603		280	3.6	216.4	26	0	0	18	35		D	4	AC	STP	1115
*SORENTO C, BOND, 6N, 4W																	
			1938	690	14.9	1392.5	57	0	0	9					A	TRN	2684
	PENNSYLVANIAN	570	1956	70			5	0	0				S	20	A		
	LINGLE, DEV	1875		640			52	0	0		36		S	8	A		
SORENTO W, BOND, 6N, 4W																	
	DEVONIAN	1880	1956	10	0.0	0.0	1	0	0	0			L			ORD	2706
				ABO 1956													
SPARTA +, RANDOLPH, 4-5S, 5-6W																	
	CYPRESS, MIS	850	1888	20	0.0		2	0	0	0			S	7	O	TRN	3130
				ABO 1900													
SPARTA S, RANDOLPH, 5S, 5W																	
	CYPRESS, MIS	880	1949	10	0.0	0.0	1	0	0	0			S	8	A	MIS	909
				ABO 1950													
SPRINGFIELD E, SANGAMON, 15N, 4W																	
			1960	220	6.8	282.6	21	0	1	10					R	SIL	1705
	HIBBARD, DEV	1625	1960	10			1	0	0				S	4	O		
	SILURIAN	1600	1960	210			21	0	1		39		O	12	R		

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production (M bbls): During 1968	Oil production (M bbls): To end of 1968	Number of wells: Completed to end of 1968	Number of wells: Completed in 1968	Number of wells: Abandoned 1968	Number of wells: Producing end of year	Character of oil: Gr. API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, avg. thickness in feet, structure	Deepest test: Zone	Deepest test: Depth (ft)
*STAUNTON +, MACOUPIN, 7N, 7W															
	PENNSYLVANIAN	515	1952	30	0.2	3.1	2	0	0	1			S 11 A	ORD	2371
*STAUNTON W, MACOUPIN, 7N, 7W															
	PENNSYLVANIAN	505	1954	240	5.0	89.2	24	1	0	18	35		S 10	OEV	1487
*STEWAROSON, SHELBY, 9N, 6E															
			1930	300	25.5	689.1	25	0	0	24			A	DEV	3414
	AUX VASES, MIS	1945	1939	300			24	0	0		38	0.18	S 9 A		
	SPAR MTN, MIS	2021	1958	70			5	0	0		37		S 4 A		
	2 OR MORE PAYS		1958				4	0	0						
*STEWAROSON E, SHELBY, 9N, 6E															
			1963	20	0.8	12.8	2	0	0	1				MIS	2280
	AUX VASES, MIS	2177	1963	10			1	0	0				S 6		
	SPAR MTN, MIS	2197	1963	20			2	0	0				S 6		
	2 OR MORE PAYS		1963				1	0	0						
*STORMS C +, WHITE, 5-6S, 9-10E															
			1939	4530	770.5	17013.5	411	4	25	176			AM	OEV	5174
	PENNSYLVANIAN	1320		250			9	0	1		29		S 10 A		
	BIEHL, PEN	1840					9	1	0		35		S 4 AF		
	OEGONIA, MIS	2090		180			13	0	0		35		S 7 AL		
	CLORE, MIS	2100		240			29	0	1		35		S 10 AL		
	PALESTINE, MIS	2150		70			6	0	0		35		S 12 AL		
	WALTERSBURG, MIS	2230		2660			239	0	16		32	0.28	S 15 AL		
	TAR SPRINGS, MIS	2340		240			23	2	1		36		S 10 MF		
	HAROINSBURG, MIS	2476	1959	20			2	0	0				S 9 MF		
	CYPRESS, MIS	2700		300			20	0	0		34		S 10 MF		
	BETHEL, MIS	2810		10			4	0	0				S MF		
	RENAULT, MIS	2990		10			2	0	0		39		L 5 A		
	AUX VASES, MIS	3000		1020			76	0	7		35		S 13 AF		
	OHARA, MIS	3095		270			7	0	0		35		L 10 AC		
	SPAR MTN, MIS	3115					9	0	1		34		L 2 AC		
	MCCLOSKY, MIS	3055					8	0	1				L 5 MC		
	SALEM, MIS	3738	1968	10			1	1	0				L 6		
	2 OR MORE PAYS						38	0	2						
*STRINGTOWN, RICHLAND, 4-5N, 11E, 14W															
	STE. GEN, MIS	3025	1941	550	7.2	1582.0	36	1	0	8	40	0.24	OL 8 AC	MIS	3651
STRINGTOWN E, RICHLAND, 4N, 14W															
	MCCLOSKY, MIS	3010	1948	10	0.0	2.0	1	0	0	0			L 4	MIS	3144
				ABO 1950											
STUBBLEFIELD S +, BOND, 4N, 3W															
			1955	20	0.0	0.0	2	0	0	0				OEV	2455
	CYPRESS, MIS	985	1955	10			1	0	0				S 4		
	DEVONIAN	2185	1963	10			1	0	0				L 8		
				ABO 1956, REV 1963, ABO 1965											
SUMNER, LAWRENCE, 4N, 13W															
	MCCLOSKY, MIS	2260	1944	20	0.0	15.7	2	0	0	0			L 4 MC	MIS	2365
				ABO 1953											
SUMNER CEN, LAWRENCE, 4N, 13W															
	SPAR MTN, MIS	2544	1966	10	0.0	0.0	1	0	1	0			L 5	MIS	3100
				ABO 1968											
SUMNER S +, LAWRENCE, 3N, 13W															
	AUX VASES, MIS	2620	1964	60	0.0	0.0	4	0	1	3			S 8	MIS	2990
SUMPTER, WHITE, 4S, 9E															
			1945	270	7.5	303.5	15	0	1	6			A	OEV	5504
	TAR SPRINGS, MIS	2575		190			10	0	1		37		S 18 AF		
	HARDINSBURG, MIS	2655		10			1	0	0		36		S 14 AF		
	CYPRESS, MIS	2860		60			4	0	0		37		S 15 AF		
	OHARA, MIS	3222	1960	10			1	0	0				L 6 A		
	2 OR MORE PAYS						1	0	0						
*SUMPTER E, WHITE, 4-5S, 10E															
			1951	1610	163.9	1941.5	98	0	2	77			A	MIS	3396
	CYPRESS, MIS	2795		220			18	0	0		37		S 16 AL		
	BETHEL, MIS	2922	1960	20			2	0	0		35		S 12 A		
	AUX VASES, MIS	3020		420			27	0	2		39		S 15 AL		

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production (M bbls): During 1968	Oil production (M bbls): To end of 1968	Number of wells: Completed to end of 1968	Number of wells: Completed in 1968	Number of wells: Abandoned 1968	Number of wells: Producing end of year	Character of oil: Gr. API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, avg. thickness in feet, structure	Deepest test: Zone	Deepest test: Depth (ft)
*SUMPTER E, WHITE, 4-5S, 10E	(CONTINUED FROM PREVIOUS PAGE)														
	OHARA, MIS	3115		1110			44	0	0		36		L 12 AC		
	SPAR MTN, MIS	3140					18	0	0		36		L 4 AC		
	MCCLOSKY, MIS	3150					3	0	0		33		L 5 AC		
	2 OR MORE PAYS						16	0	0						
*SUMPTER N, WHITE, 4S, 9E															
	AUX VASES, MIS	3185	1952	240	23.5	498.4	15	0	0	8	39		S 3 NL	MIS	3425
*SUMPTER S, WHITE, 4-5S, 9E															
			1948	250	22.6	689.5	29	1	0	19			AF	MIS	3430
	TAR SPRINGS, MIS	2580		120			13	0	0		34		S 8 AF		
	BETHEL, MIS	3025		10			1	0	0				S 15 AF		
	AUX VASES, MIS	3260		210			16	1	0		36		S 10 AF		
	2 OR MORE PAYS						3	0	0						
SUMPTER W, WHITE, 4S, 9E															
	AUX VASES, MIS	3165	1952	10	0.0	19.9	1	0	0	0	35		S 5 NL	MIS	3336
				ABD 1964											
TAMAROA +, PERRY, 4S, 1W															
			1942	320	11.7	364.1	20	0	2	9				TRN	4287
	CYPRESS, MIS	1120	1942	210			15	0	0		36	0.12	S 13 AL		
	TRENTON, ORD	4135	1964	110			6	0	2		38		L 40		
	2 OR MORE PAYS		1964				1	0	0						
*TAMAROA S, PERRY, 4S, 1W															
	CYPRESS, MIS	1155	1957	190	5.7	243.5	17	0	0	15	28		S 7	MIS	1200
TAMAROA W, PERRY, 4S, 2W															
	CYPRESS, MIS	1100	1956	20	0.0		3	0	0	3	34		S 5	DEV	2902
TAYLOR HILL, FRANKLIN, 5S, 4E															
			1949	40	0.4	81.4	5	0	1	2				MIS	4093
	OHARA, MIS	3055	1949	40			3	0	1		38		L 4		
	HARRODSBURG, MIS	3940		30			2	0	0				L 15		
TEUTOPOLIS, EFFINGHAM, 8N, 6E															
			1966	140	31.4	64.3	9	2	0	9				MIS	2845
	SPAR MTN, MISS	2402	1966	130			9	2	0				L 5		
	MCCLOSKY, MIS	2530	1967				1	0	0				DL 4		
	ST LOUIS, MIS	2570	1967	20			2	1	0				L 4		
	2 OR MORE PAYS						2	1	0						
TEUTOPOLIS S, EFFINGHAM, 8N, 6E															
			1968	20	6.0	6.0	2	2	0	2				MIS	2597
	SPAR MTN, MIS	2477	1968	10			1	1	0				S 4		
	MCCLOSKY, MIS	2535	1968	10			1	1	0				DL 5		
*THACKERAY, HAMILTON, 5S, 7E															
			1944	830	110.8	3897.5	74	4	0	35			A	DEV	5611
	CYPRESS, MIS	3030		20			2	0	0				S 24 A		
	AUX VASES, MIS	3360		760			67	4	0	37			S 15 AL		
	OHARA, MIS	3435		120			1	0	0				L 5 AC		
	MCCLOSKY, MIS	3500					6	0	0	37			L 10 AC		
	2 OR MORE PAYS						2	0	1						
THOMPSONVILLE, FRANKLIN, 7S, 4S															
			1940	350	24.2	308.9	34	7	3	12				MIS	3777
	OHARA, MIS	3110	1967	300			6	4	1				L 4		
	SPAR MTN, MIS	3190	1967				1	0	1				LS 4		
	MCCLOSKY, MIS	3200	1940				19	0	0	8	38	0.16	L 10 A		
	ST LOUIS, MIS	3450	1967	60			8	3	1				L 10		
				ABD 1947, REV 1967											
*THOMPSONVILLE E, FRANKLIN, 7S, 4E															
	AUX VASES, MIS	3150	1949	170	14.8	507.4	13	1	0	5	38		S 8 ML	MIS	3371
*THOMPSONVILLE N, FRANKLIN, 7S, 4E															
			1944	870	15.5	3590.9	87	0	1	25			A	MIS	3498
	CYPRESS, MIS	2750		20			1	0	0				S 10 AL		
	AUX VASES, MIS	3100		860			86	0	1		35		S 20 AL		

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
TILOEN, RANDOLPH, 4S, 5W																	
	SILURIAN	2160	1952	610	120.9	3673.8	33	0	0	32	40		L	60	R	ORD	3093
TILOEN N, ST CLAIR, 3S, 6W																	
	SILURIAN	2014	1968	10	0.0		1	1	0	1	42						
TOLIVER E, CLAY, 5N, 6-7E																	
			1943	90	0.5	230.1	7	0	2	1					M	MIS	3203
	CYPRESS, MIS	2510	1955	10			1	0	0				S	14	M		
	AUX VASES, MIS	2740	1967	20			2	0	1				S	4			
	SPAR MTN, MIS	2815		40			1	0	0		36		L	6	MC		
	MCCLOSKY, MIS	2840					3	0	1		36		OL	8	MC		
TOLIVER S, CLAY, 4N, 6E																	
			1953	70	0.0	57.6	4	0	0	0					M	MIS	2915
	AUX VASES, MIS	2765		10		21.0	1	0	0				S		MC		
	MCCLUSKY, MIS	2875	1956	60		37.0	3	0	0		34		L	5	MC		
				A&O 1964													
*TONTI, MARION, 2-3N, 2E																	
			1938	570	133.3	13301.4	105	0	0	65					D	ORD	4900
	BENOIST, MIS	1930		140			16	0	0		36		S	20	D		
	AUX VASES, MIS	2005		170			23	0	0		36		S	30	D		
	SPAR MTN, MIS	2125		630			13	0	0				LS	12	D		
	MCCLOSKY, MIS	2130					70	0	0		33	0.21	OL	15	D		
	DEVONIAN	3500		80			7	0	0		37		D	7	R		
	2 OR MORE PAYS						11	0	0								
TUVEY, CHRISTIAN, 13N, 3W																	
	SILURIAN	1850	1955	10	0.4	27.0	1	0	0	1	38		L	10		SIL	1881
*TRUMBULL C, WHITE, 5S, 8-9E																	
			1944	1490	88.7	2847.5	110	0	2	68					A	MIS	4125
	TAR SPRINGS, MIS	2528	1962	30			2	0	0				S	5			
	CYPRESS, MIS	2845		420			31	0	1		36		S	10	A		
	BETHEL, MIS	2955		50			2	0	0				S		A		
	AUX VASES, MIS	3170		520			41	0	0		37		S	9	A		
	OHARA, MIS	3230		660			19	0	0		36		L	15	AC		
	SPAR MTN, MIS	3270					13	0	0				L	5	AC		
	MCCLOSKY, MIS	3290					19	0	2				L	5	AC		
	2 OR MORE PAYS						13	0	1								
TRUMBULL N, WHITE, 4S, 8E																	
			1961	40	0.0	6.9	3	0	0	1						MIS	3537
	AUX VASES, MIS	3325	1961	20			1	0	0				S	6			
	MCCLOSKY, MIS	3466	1961	20			2	0	0				OL	15			
TURKEY BEND, PERRY, 4S, 2W																	
	TRENTON, ORD	3940	1957	10	2.0	36.9	1	0	0	1	35		L			ORD	4044
*VALIER, FRANKLIN, 6S, 2E																	
			1942	110	6.6	81.3	6	0	0	2						MIS	2900
	AUX VASES, MIS	2685	1963	100			5	0	0		39		S	7			
	MCCLOSKY, MIS	2715	1942	10			1	0	0				L	12	ML		
				A&O 1945, REV 1963													
VIROEN W, MACOUPIN, 12N, 7W																	
	DEVONIAN	1361	1963	30	0.0	0.0	2	0	0	2			L	20		DEV	1390
WAGGONER *, MONTGOMERY, 11N, 5W																	
	POTTSVILLE, PEN	610	1940	30	0.0	12.0	6	0	0	0	28	0.21	S	10		SIL	1945
				A&O 1949, REV 1959, A&O 1960, REV 1963, A&O 1964													
WAKEFIELD, JASPER, 5N, 9E																	
	SPAR MTN, MIS	3100	1946	40	0.0	1.7	2	0	0	0			L	5		MIS	3207
				A&O 1947, REV 1953, A&O 1954													
WAKEFIELD N, JASPER, 5N, 9E																	
	MCCLOSKY, MIS	3000	1953	10	0.0	20.0	1	0	0	0			L	6		MIS	3204
				A&O 1958													

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
WAKEFIELD S, RICHLAND, 5N, 9E																	
	MCCLOSKY, MIS	3040	1955	10	0.0	0.0	1	0	0	0			L	4		MIS	3550
				ABD 1955													
*WALPOLE, HAMILTON, 6-7S, 6E																	
			1941	2140	100.0	9974.4	131	0	2	80					A	OEV	3325
	TAR SPRINGS, MIS	2465		110			7	0	0		37		S	15	AL		
	AUX VASES, MIS	3070		2020			119	0	1		37	0.13	S	20	A		
	SPAR MTN, MIS	3195		100			2	0	0				L	7	AC		
	MCCLOSKY, MIS	3162	1960				4	0	1				OL	7	AC		
	ST. LOUIS, MIS	3544	1960	10			1	0	0				L	8	AC		
WALPOLE S, HAMILTON, 7S, 6E																	
	AUX VASES, MIS	3120	1951	40	0.0	120.8	2	0	0	2			S	5	AL	MIS	3362
WALTONVILLE, JEFFERSON, 3S, 2E																	
			1943	60	1.3	126.2	5	0	0	3					A	MIS	3375
	BENOIST, MIS	2460	1943	50			4	0	0		38	0.14	S	9	A		
	ST. LOUIS, MIS	2767	1962	10			1	0	0				L	14			
*WAMAC, MARION, CLINTON, WASHINGTON, 1N, 1E, 1W																	
			1921	310	0.0	692.2	118	1	2	4					DF	ORD	4160
	PETRO, PEN	720	1921	300			116	1			36		S	20	DF		
	DEVONIAN	3015	1959	10			1	0					L	9	DF		
WAMAC E +, MARION, 1N, 1E																	
	ISABEL, PEN	845	1952	140	0.4	49.0	11	0	0	6	30		S	15	ML	MIS	2215
				PAY ZONE IS ISABEL (WILSON SAND), PEN													
*WAMAC W, CLINTON, 1N, 1W																	
			1962	230	67.3	563.2	25	0	2	21						MIS	1522
	CYPRESS, MIS	1312	1962	120			14	0	2				S	8			
	BENOIST, MIS	1466	1962	110			11	0	0				S	12			
WAPELLA E, DEWITT, 21N, 3E																	
			1962	350	223.1	1523.2	36	0	0	36						STP	2216
	DEVONIAN	1108	1963	30			3	0	0				L	5			
	SILURIAN	1112	1962	350			36	0	0		31		D	6	R		
	2 OR MORE PAYS		1963				3	0	0								
*WARRENTON-BORTON, EDGAR, COLES, 13-14N, 13-14W																	
	UNNAMED, PEN	200	1906	460	0.0	32.0	45	0	6		31		S	20	ML	TRN	2212
WATERLOO, MONROE, 1-2S, 10W																	
	TRENTON, ORD	410	1920	160	0.0	238.0	41	0	0	3	30	0.37	L	50	A	PC	2768
				ABD 1930, REV 1939, CONVERTED IN PART TO GAS STORAGE, 1951													
WATSON, EFFINGHAM, 7N, 5-6E																	
			1957	30	1.5	52.6	3	0	1	0						MIS	2647
	SPAR MTN, MIS	2415	1957	30			2	0	1				S	5			
	MCCLOSKY, MIS	2434	1958				1	0	0		38		L	11			
				ABD 1968													
WATSON W, EFFINGHAM, 7N, 5E																	
	AUX VASES, MIS	2208	1965	10	0.0	4.2	1	0	0	1			S	12		MIS	2316
WAVERLY +, MORGAN, 13N, 8W																	
	OEV-SIL	1020	1946	20	0.0	0.0	1	0	0	0			L	10	A	ORD	2070
WEAVER, CLARK, 11N, 10W																	
			1949	530	42.2	2125.9	42	0	1	29					R	OEV	2160
	COLE, MIS	1565		30			1	0	0				S	5	O		
	DEVONIAN	2030		500			40	0	1		37		L	10	R		
*WEST FRANKFORT C, FRANKLIN, 7S, 2-3E																	
			1941	1610	107.7	6602.4	144	3	2	99					A	OEV	4869
	TAR SPRINGS, MIS	2060		680			70	0	0		39	0.13	S	20	A		
	AUX VASES, MIS	2710		330			30	2	2		39		S	20	AL		
	OHARA, MIS	2760		850			44	1	0		38		L	8	AC		
	SPAR MTN, MIS	2810					6	0	0				L	8	AC		

TABLE 8 - ILLINOIS OIL POOL STATISTICS, 1968 - Continued

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production (M bbls): During 1968	Oil production (M bbls): To end of 1968	Number of wells: Completed to end of 1968	Number of wells: Completed in 1968	Number of wells: Abandoned 1968	Number of wells: Producing end of year	Character of oil: Gr. API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, avg. thickness in feet, structure	Deepest test: Zone	Deepest test: Depth (ft)
*WEST FRANKFORT C, FRANKLIN, 7S, 2-3E	(CONTINUED FROM PREVIOUS PAGE)														
	MCCLOSKY, MIS	2825					21	0	0		38		L 14 AC		
	2 OR MORE PAYS						22	0	0						
*WEST SEMINARY, CLAY, 2N, 7E															
			1959	300	13.6	810.7	27	0	0	13			MC	MIS	3198
	AUX VASES, MIS	2972	1959	210			17	0	0		37		S 10 MC		
	SPAR MTN, MIS	3059	1959	280			3	0	0				L 6 MC		
	MCCLOSKY, MIS	3068	1959				13	0	0		38		L 12 MC		
	2 OR MORE PAYS						4	0	0						
*WESTFIELD, CLARK, COLES, 11-12N, 11E-14W															
			1904	9580			1824	7	1	254			0	STP	3009
	GAS, PEN	280		1230			230	2	0		29		S 25 O		
	WESTFIELD, MIS	335		8770			27	5	1		36		L D		
	CARPER, MIS	875		580			28	0	0				S 18 O		
	TRENTON, ORO	2300		1710			87	0	0		38	0.18	L 40 O		
	2 OR MORE PAYS						5	0	0						
	SEE CLARK COUNTY DIVISION FOR PRODUCTION														
*WESTFIELD E *, CLARK, 11-12N, 14W															
	PENNSYLVANIAN	400	1947	260			38	1	0	28			S 11 ML	MIS	795
WESTFIELD N, COLES, 12N, 14W															
			1949	20	0.0	0.4	2	0	0	0				PEN	511
	PLEASANTVIEW, PEN	275		20		0.4	1	0	0				S 5		
	PENNSYLVANIAN	490				0.0	1	0	0				S 10		
	ABD 1957														
*WHITTINGTON, FRANKLIN, 5S, 3E															
			1939	970	103.9	1971.9	71	0	3	54			A	OEV	4810
	HARDINSBURG, MIS	2310		430			27	0	2		38		S 10 A		
	CYPRESS, MIS	2535		240			16	0	1		38		S 10 A		
	PAINT CREEK, MIS	2612	1961	20			1	0	0				S 4 A		
	AUX VASES, MIS	2735		100			9	0	0		38		S 15 A		
	OHARA, MIS	2835		360			12	0	0		37		L 10 AC		
	SPAR MTN, MIS	2880					4	0	0				L 10 AC		
	MCCLOSKY, MIS	2870					6	0	0		38	0.24	L 9 AC		
	ST. LOUIS, MIS	3080		30			4	0	0		38	0.24	L 6 AC		
	2 OR MORE PAYS						4	0	0						
WHITTINGTON S, FRANKLIN, 5-6S, 3E															
	CYPRESS, MIS	2580	1950	120	4.3	447.9	10	0	0	10	35		S 10 A	MIS	3045
*WHITTINGTON W, FRANKLIN, 5S, 2-3E															
			1943	670	12.1	1546.0	38	0	5	10			A	MIS	3535
	BENOIST, MIS	2615		10			1	0	0				S 10 AL		
	RENAULT, MIS		1961	480			21	0	5		37		L A		
	AUX VASES, MIS	2700		180			13	0	1		38		S 15 AL		
	OHARA, MIS	2800		110			5	0	0				L 5 AC		
	SPAR MTN, MIS	2780					2	0	1				L 4 AC		
	MCCLOSKY, MIS	2900					3	0	0		38		L 6 AC		
	2 OR MORE PAYS						8	0	1						
*WILBERTON, FAYETTE, 5N, 2-3E															
			1959	1030	91.3	1120.3	54	0	0	41				ORO	4528
	BOROEN, MIS	2628	1963	10			1	0	0				S 38		
	CARPER, MIS	3203	1961	1020			51	0	0				S 39		
	LINGLE, OEV	3466	1959	30			3	0	0		28		S 4		
	2 OR MORE PAYS						1	0	0						
*WILLIAMS C, JEFFERSON, 2-3S, 2E															
			1948	460	25.3	1210.6	42	0	1	31			A	OEV	4578
	BENOIST, MIS	2490		200			14	0	1		39		S 10 AL		
	AUX VASES, MIS	2550		400			29	0	1		37		S 5 AL		
	MCCLOSKY, MIS			10			1	0	0				L AC		
	2 OR MORE PAYS						3	0	1						
*WILLOW HILL E, JASPER, 6-7N, 10-11E															
			1946	320	0.5	263.9	22	0	0	5				MIS	3281
	AUX VASES, MIS	2546	1966	10			1	0	0				S 6		
	MCCLOSKY, MIS	2645	1946	320			22	0	0		41		L 6 A		
	ST. LOUIS, MIS	2814	1966	10			1	0	0						
WITT W, MONTGOMERY, 10N, 3W															
	TRENTON, ORO	2647	1968	10			1	1	0	1			L 13	TRN	2721

Pool, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure			Zone	Depth (ft)
*WOBURN C, BOND, 6-7N, 2W																	
			1940	1410	46.7	4270.5	135	0	2	77					A	ORD	3279
	CYPRESS, MIS	865		310			20	0	2		35		S	8	AL		
	BENOIST, MIS	1020		340			38	0	0		36	0.20	S	10	AL		
	RENAULT, MIS	1047	1958	10			1	0	0		36		L		AL		
	AUX VASES, MIS	1055	1956	120			4	0	0		36		S	10	AL		
	LINGLE, DEV	2275		720			56	0	0		35		S	8	AC		
	TENTON, ORD	3170		320			19	0	0		39	0.27	L	12	AC		
	2 OR MORE PAYS						2	0	0								
*WOODLAWN, JEFFERSON, 2-3S, 1-2E																	
			1940	1900	169.4	17267.0	194	2	8	89					A	ORD	5101
	TAR SPRINGS, MIS			30			3	1	0				S		AL		
	CYPRESS, MIS	1800		180			3	0	2		37		S	10	AL		
	BENOIST, MIS	1960		1860			175	1	3		38	0.16	S	25	A		
	AUX VASES, MIS	1975		270			24	0	2		39		S	10	A		
	SPAR MTN, MIS	2205		240			15	0	2		38		LS	15	A		
	MCCLOSKY, MIS	2200					1	0	0				L	3	A		
	LINGLE, DEV	3690		70			11	0	2		37		S	6	A		
XENIA, CLAY, 2N, 5E																	
			1941	100	1.4	45.2	7	0	1	6					A	DEV	4745
	AUX VASES, MIS	2785	1941	10			1	0	0		35	0.19	S	13	A		
	CARPER, MIS	4230	1962	90			6	0	1		38		S	12			
XENIA E, CLAY, 2N, 5E																	
			1951	300	21.6	789.9	29	0	0	12					A	MIS	4620
	CYPRESS, MIS	2500		260			18	0	0		37		S	6	AL		
	BENOIST, MIS	2710		110			9	0	0		35		S	5	AL		
	RENAULT, MIS	2755	1959	20			2	0	0				S	15	AL		
	AUX VASES, MIS	2741	1960	30			3	0	0				S	10	A		
	2 OR MORE PAYS						3	0	0								
YALE, JASPER, 8N, 11E																	
			1966	30	0.2	1.2	3	0	1	3						MIS	2390
	SPAR MTN, MIS		1966	30			1	0	0				L	10			
	MCCLOSKY, MIS		1966				2	0	1				L	5			
*YORK, CUMBERLAND, CLARK, 9-10N, 10-11E, 14W																	
	ISABEL, PEN	590	1907	410			78	0	0	13	31		S	15	AM	DEV	2642
	SEE CLARK COUNTY DIVISION FOR PRODUCTION. ABD 1945, REV 1950																
*ZEIGLER, FRANKLIN, 7S, 2E																	
	AUX VASES, MIS	2614	1963	330	236.8	1365.7	32	0	0	32	37		S	19		MIS	3030
ZENITH, WAYNE, 2N, 5E																	
	MCCLOSKY, MIS	2970	1948	20	0.0	24.4	2	0	0	0			L	7	AC	MIS	3059
	ABD 1956																
*ZENITH E, WAYNE, 1N, 6E																	
	SPAR MTN, MIS	3170	1965	250	32.6	234.8	14	0	0	13			L	10		MIS	3515
*ZENITH N, WAYNE, 2N, 6E																	
			1951	280	14.7	1040.6	14	0	1	9					N	MIS	3254
	SPAR MTN, MIS	3080		280			12	0	1		38		L	6	NC		
	MCCLOSKY, MIS	3140					5	0	1				L	4	NC		
	2 OR MORE PAYS						4	0	1								
ZENITH S, WAYNE, 1N, 5E																	
			1949	300	0.2	765.6	15	1	0	1					M	MIS	3827
	OHARA, MIS	2920		300			2	0	0				L	6	MC		
	MCCLOSKY, MIS	2985					13	1	0		37		L	7	MC		
	2 OR MORE PAYS						2	0	0								
	A8D 1966, REV 1967																
	TOTALS FOR 1968			578,310	56,391	2,773,824	63,426	589	1,245	27,235							

TABLE 9 - ILLINOIS GAS POOL STATISTICS, 1968

Explanation of Abbreviations and Symbols

Pool: N, North; S, South; E, East; W, West; C, Consolidated. Pools located in two or more counties have county names listed in order of discovery.

Age: Pc, Precambrian; Cam, Cambrian; Ord, Ordovician; St. P, St. Peter; Trn, Trenton; Sil, Silurian; Dev, Devonian; Mis, Mississippian; Pen, Pennsylvanian.

Kind of rock in pay zone: D, dolomite; L, limestone; LS, sandy limestone; S, sandstone.

Abd: Pool abandoned.

Rev: Pool revived.

Structure: A, anticline; D, dome; F, faulting an important factor in gas accumulation; f, faulting a minor factor in gas accumulation; L, lens; M, monocline; R, reef; X, structure not determined. Combinations of the letters are used where more than one factor applies.

× Correct figure not determinable.

* Pool also listed in table 8 (oil production).

†† Gas storage project. Amount of native gas produced not determinable.

** Pilot storage in St. Peter.

Pool; county, location by township and range	Pay zone		Year of discovery	Area proved in acres	Gas production million cu ft		Number of wells				Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Kind of rock, average thickness in feet, structure			Zone	Depth (ft)
Albion C*; Edwards, White; 3S; 10E															
	Pennsylvanian, Pen	1,490	1940	40	0	0	1	0	0	0	S	6	MF	Dev	5,185
Ashmore S* tt; Clark, Coles; 12N; 10-11E, 14W															
			1958	460	×	×	23	0	0	×			A	Mis	555
	Unnamed, Pen	430	1958	440	×	×	22	0	0		S	×	A		
	Osage, Mis	385	1963	20	×	×	1	0	0		S	×	×		
Ava-Campbell Hill*; Jackson; 7S; 3-4W															
	Cypress, Mis	780	1916	370	0	×	20	0	0	0	S	18	A	Trn	3,582
					Abd 1943; rev (oil) 1956; abd 1957										
Ayers Gas; Bond; 6N; 3W															
	Benoist, Mis	940	1922	325	0	298.7	21	0	0	0	S	5	A	Ord	3,044
					Abd 1950										
Beaver Creek N*; Bond; 4N; 2W															
	Benoist, Mis	1,132	1965	40	0	0	1	0	0	0	S	×	×		
Beaver Creek NE Gastt; Bond; 4N; 2W															
	Benoist, Mis	1,126	1961	70	×	×	7	0	0	×	S	5		Sil	2,487
Beaver Creek S*; Bond, Clinton; 3-4N; 2W															
	Cypress, Mis	1,015	1946	240	0	0	6	0	0	0	S	20	A	Dev	2,539
Beckemeyer Gas*; Clinton; 2N; 3W															
	Cypress, Mis	1,070	1956	80	0	0	2	0	0	0	S	23	×	Sil	2,730
					Abd 1958										
Beverly Gas; Adams; 3S; 5W															
	Silurian, Sil	450	1957	80	0	0	2	0	1	0	L	6	×	St. P	840
Boulder*; Clinton; 2-3N; 2W															
	Geneva, Dev	2,630	1941	320	0	0	4	0	0	0	D	7	R	Trn	3,813
					Abd 1965										
Boulder E*; Clinton; 3N; 1W															
	Devonian, Dev	2,840	1957	80	0	0	2	0	0	0	L	12	×	Sil	2,895
					Abd 1957										
Carlinville*; Macoupin; 9N; 7W															
	Unnamed, Pen	365		60	0	0	6	0	0	0	S	×	A	Mis	1,380
					Abd 1925; rev 1942										
Carlinville N*; Macoupin; 10N; 7W															
	Pottsville, Pen	440	1941	40	0	0	1	0	0	0	S	10	×	Trn	1,970
					Abd 1954										
Carlyle*; Clinton; 2N; 3W															
	Cypress, Mis	1,015	1958	10	0	×	1	0	0	0	S	×	AL	St.P	4,120
Casey*; Clark															
	Casey, Pen	440		×	0	×	×	0	0	0	S	×	AM		

Pool; county, location by township and range	Pay zone		Year of discovery	Area proved in acres	Gas production million cu ft		Number of wells				Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Kind of rock, average thickness in feet, structure			Zone	Depth (ft)
Claremont; Richland; 3N; 14W															
	Spar Mtn, Mis	3,200	1950	160	0 Abd 1952	0	1	0	0	0	L	5	MC	Mis	3,340
Cooks Mills C* tt; Coles, Douglas; 14N; 7-8E															
			1941	950	0	1,895.4	23	0	0	0			A	Dev	2,888
	Cypress, Mis	1,600		680	0	x	14	0	0		S	10	A		
	Aux Vases, Mis	1,800		40	0	x	1	0	0		S	8	A		
	Spar Mtn, Mis	1,765		450	0	x	6	0	0		S	15	A		
	2 or more pays				0	x	3	0	0						
Dubois C*; Washington; 3S; 1-2W															
	Cypress, Mis	1,220	1939	400	0	0	10	0	0	0	S	10	AL	Ord	4,217
Dudley*; Edgar; 14N; 13W															
	Pennsylvanian, Pen	300	1948	160	0	x	4	1	0	0	S	20	M	St.P	2,997
Dudley W Gas; Edgar; 13N; 13W															
	Gas, Pen	380	1953	120	0	0	3	0	0	0	S	11	x	Pen	428
Eden Gas; Randolph; 5S; 5W															
	Cypress, Mis	875	1962	1,000	0	0	15	0	0	0	S			Mis	2,377
Eldorado C*; Saline; 8S; 7E															
			1941	300	0	3,673.5	15	0	0	0			A	Mis	3,606
	Palestine, Mis	1,920		120	0	0	3	0	0		S	20	AL		
	Waltersburg, Mis	2,055		80	0	0	2	0	0		S	20	AL		
	Tar Springs Mis	2,225		40	0	0	3	0	0		S	17	AL		
	Hardinsburg, Mis	2,353	1962	120	0	0	3	0	0		S	5			
	Cypress, Mis	2,460		80	0	0	2	0	0		S	20	x		
Eldorado E*; Saline; 8S; 7E															
			1953	120	0	473.7	2	0	0	0			A	Mis	3,102
	Palestine, Mis	1,900		80	0	0	1	0	0		S	30	AL		
	Tar Springs, Mis	2,135		40	x	x	4	0	0		S	20	AL		
	2 or more pays						1	0	0						
Eldorado W*; Saline; 8S; 6E															
	Palestine, Mis	1,923	1960	10	0	0	1	0	0	0	S	27	x	Mis	3,138
Fishhook Gas; Adams, Pike; 3-4S; 4-5W															
	Edgewood, Sil	450	1955	7,260	0	0	69	0	1	0	L	5	x	St.P	1,018
Ficklin; Oouglas; 16N; 8E															
	Spar Mtn, Mis	1,444	1966	40	0	0	1	1	0	0	S	20	x	Cam	5,301
Freeburg* tt; St. Clair; 1-2S; 7W															
	Cypress, Mis	380	1956	700	x	x	29	0	0	0	S	30	x	Ord	2,008
Gillespie-Benld (Gas)tt; Macoupin; 8N; 6W															
	Unnamed, Pen	540	1923	80	0 Abd 1935	135.8	5	0	0	0	S	x	A	Pen	603
Gillespie W; Macoupin; 8N; 7W															
	Unnamed, Pen	525	1958	10	0	0	1	0	0	0	S	x	x	Pen	565
Grandview*; Edgar; 12-13N;13W															
			1945	400	0	x	12	0	0	0			M	Ord	2,694
	Gas, Pen	400		360	0	x	11	0	0		S	x	ML		
	Salem, Mis	570		40	0	x	1	0	0		L	2	ML		
Greenville Gas*; Bond; 5N; 3W															
	Lindley (1st & 2nd), Mis	925	1910	180	0 Abd 1923; rev 1957; abd 1958	990.0	4	0	0	0	S	x	A	Trn	3,184
Harco, Harco E and Raleigh S*; Saline; 8S; 5E															
	X, Mis	x	1954	x	0	2,039.3	x	0	0	0				Mis	3,107

TABLE 9 - ILLINDIS GAS POOL STATISTICS, 1968 - Continued

Pool; county, location by township and range	Pay zone		Year of discovery	Area proved in acres	Gas production million cu ft		Number of wells				Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Kind of rock, average thickness in feet, structure			Zone	Depth (ft)
Harrisburg*; Saline; 8S; 6E															
	Tar Springs, Mis	2,085	1952	160	0	93.2	1	0	0	0	S	6	x	Mis	2,789
Herald C*; Gallatin, White; 6-8S; 9-10E															
			1939	1,080	0	x	19	0	0	0			A	Mis	3,394
	Anvil Rock, Pen	700		360	0	x	9	0	0		S	25	AL		
	Pennsylvanian, Pen	1,750		120	0	x	3	0	0		S	18	AL		
	Waltersburg, Mis	2,240		120	0	x	3	0	0		S	10	A		
	Tar Springs	2,315		480	0	x	4	0	0		S	6	AL		
Hutton*; Coles; 11N; 10E															
	Pennsylvanian	620	1965	80	0	0	2	0	0	0	S	x	x		
Inclose*; Clark, Edgar; 12N; 13-14W															
	Pennsylvanian	540	1941	320	0	x	8	0	0	0	S	12	x	Mis	815
Jacksonville (Gas)*; Morgan; 15N; 9W															
	Gas, Pen, Mis	330	1910	1,320	0 Abd 1939	x	45	0	0	0	LS	5	ML	Drd	1,390
Johnston City E; Williamson; 8S; 3E															
	Tar Springs, Mis	1,930	1965	60	132.1	328.6	3	1	0	3	S	10	x	Mis	2,968
Kansas Gas; Edgar; 13N; 14N															
	Unnamed, Pen	410	1958	30	0	x	3	0	0	0	S	x	x	Mis	778
Livingston East; Madison; 6N; 6W															
	Pennsylvanian, Pen	540	1951	60	0	0	3	0	0	0	S	12	x	Mis	815
Livingston S*; Madison; 6N; 6W															
	Pennsylvanian, Pen	530	1950	40	0	0	1	0	0	0	S	2	ML	Mis	845
Louden*; Fayette; 7N; 3E															
			1937	1,760	0	x	14	0	0	0			A	St.P	4,680
	Burtschi, Pen	1,000		320	0	x	5	0	0		S	20	AL		
	Tar Springs, Mis	1,170		1,440	0	x	9	0	0		S	2	AL		
Main C*; Crawford, Lawrence; 5-8N; 10-14W															
			1906	x	x	x	x	1	1	0			M	St.P	4,654
	Robinson, Pen	1,000		x	0	0	x	0	0	x	S	x	ML		
	Hardinsburg, Mis	1,075		160	0	x	1	0	0		S	40	ML		
	Cypress, Mis	1,425		320	0	x	2	0	0		S	6	ML		
	Aux Vases, Mis	1,527	1959	60	0	x	6	1	0		S	8	ML		
Marion E*; Williamson; 9S; 3E															
	Aux Vases, Mis	2,406	1966	40	0	0	1	1	0	0	S	4	x	Mis	2,642
Marissa W (Gas)*; St. Clair; 3S; 7W															
	Cypress, Mis	241	1960	60	0	x	6	0	4	0	S	25		Drd	2,413
Mt. Olive*; Montgomery; 8N; 5W															
	Pottsville, Pen	605	1942	100	0	x	4	0	0	0	S	6	A	Dev	1,819
New Athens Gas; St. Clair; 2S; 7W															
	Cypress, Mis	250	1961	160	0	0	4	0	0	0	S	13		Mis	311
New Hebron E*; Crawford; 6N; 12W															
	Robinson, Pen	866	1968	10	0	0	1	1	0	0	S	x	x	Mis	1,571
Omaha*; Gallatin; 7-8S; 8E															
	Tar Springs, Mis	1,900	1940	120	18.4	165.9	3	0	0	1	S	15	D	Mis	2,941
Panama*; Bond, Montgomery; 7N; 3-4W															
			1940	280	0	x	7	0	0	0			A	Dev	2,016
	Pennsylvanian, Pen	575		160	0	x	4	0	0		S	30	A		
	Benoist, Mis	865		120	0	x	3	0	0		S	12	A		

TABLE 9 - ILLINOIS GAS POOL STATISTICS, 1968 - Continued

Pool; county, location by township and range	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Gas production million cu ft: During 1968	Gas production million cu ft: To end of 1968	Number of wells: Completed to end of 1968	Number of wells: Completed in 1968	Number of wells: Abandoned 1968	Number of wells: Producing end of year	Pay zone: Kind of rock, average thickness in feet, structure	Deepest test: Zone	Deepest test: Depth (ft)
Pittsburg N Gas*; Williamson; 8S; 3E													
	Hardinsburg, Mis	2,151	1962					0			S 6	Mis	2,836
Pittsfield (Gas); Pike; 5S; 4-5W													
	Niagaran, Sil	265	1886	8,960	0 Abd 1930	×	68	0	0	0	L 10 A	Pc	2,226
Plainview*; Macoupin; 8N; 8W													
	Pennsylvanian	441	1961	10	0	0	1	0	0	0	S 20 ×	Pen	462
Prentice*; Morgan; 16N; 8W													
	Pennsylvanian, Pen	260	1953	290	0	0	7	0	0	0	S 15 ×	Ord	1,513
Raleigh*; Saline; 8S; 6E													
	Waltersburg, Mis	2,307	1962	40	32.4	280.2	1	0	0	1	S 7 ×	Mis	3,249
Redmon N; Edgar; 14N; 13W													
	Pennsylvanian, Pen	365	1955	40	0	0	1	0	0	0	S 3 ×	Mis	450
Richwood (Gas); Crawford; 6N; 11W													
	Pennsylvanian, Pen	612	1959	160	0	28.6	4	1	0	0	S 9 ×	Pen	1,001
Roland C*; Gallatin; 7S; 8E													
	Waltersburg, Mis	2,150	1940	160	0	0	1	0	0	0	S 19 AL	Oev	5,225
Russellville Gas*; Lawrence; 4-5N; 10-11W													
			1937	1,800	0 Abd 1949	7,081.6	60	0	0	0	A	Oev	3,133
	Bridgeport, Pen	760		×	0	×	18	0	0		S 15 AL		
	Buchanan, Pen	1,100		×	0	×	42	0	0		S 12 AL		
St. Libory; St. Clair; 1S; 6W													
			1964	240	0	0	7	0	0	0		Sil	1,997
	Cypress, Mis	622	1965	40	0	0	1	0	0		S 11 ×		
	Benoist, Mis	754	1964	40	0	0	1	0	0		S 22 ×		
	Aux Vases, Mis	825	1964	120	0	0	3	0	0		S 10 ×		
	2 or more pays						1	0	0				
Spanish Needle Creek (Gas); Macoupin; 9N; 7W													
	Unnamed, Pen	305	1915	80	0 Abd 1934	14.4	7	0	0	0	S × 0	Trn	2,070
Sparta*; Randolph; 4-5S; 5-6W													
	Cypress, Mis	850	1888	160	0 Abd 1900	×	18	0	0	0	S 7 0	Trn	3,130
Staunton (Gas)*; Macoupin; 7N; 7W													
	Unnamed, Pen	460	1916	400	0 Abd 1919	1,050.0	18	0	0	0	S × A	Ord	2,371
Storms C*; White; 5-6S; 9-10E													
			1939	440	0	×	9	0	1	0	A	Mis	3,267
	Gas, Pen	1,090		170	0	×	2	0	1		S 40 Af		
	Waltersburg, Mis	2,230		280	0	×	7	0	0		S 15 AL		
Stubblefield S*; Bond; 4N; 4W													
	Cypress, Mis	920	1962	160	0	0	4	0	0	0	S × ×		
Sumner S (Gas); Lawrence; 3N; 13W													
	Aux Vases, Mis	2,566	1959	40	0	0	2	0	0	0	S 10	Mis	2,791
Tamaroa*; Perry; 4S; 1W													
	Cypress, Mis	1,120	1942	20	0	0	2	0	0	0	S 13 AL	Mis	1,630

TABLE 9 - ILLINOIS GAS POOL STATISTICS, 1968 - Continued

Pool; county, location by township and range	Pay zone		Year of discovery	Area proved in acres	Gas production million cu ft		Number of wells				Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1968	To end of 1968	Completed to end of 1968	Completed in 1968	Abandoned 1968	Producing end of year	Kind of rock, average thickness in feet, structure			Zone	Depth (ft)
Tilden N Gastt; Washington, St. Clair; 3S; 5-6W															
	Cypress, Mis	780	1961	x	x	x	x	x	x	x	S	25		Ord	2,810
Waggoner*; Montgomery; 11N; 5W															
	Pottsville, Pen	523	1959	10	0	0	1	0	0	0	S	2	x	Dev	1,893
Wamac East* tt; Marion; 1N; 1E															
	Petro, Pen	856	1958	90	x	x	9	0	0	0	S	x	M	Dev	3,405
Waverly* **; Morgan; 13N; 8W															
			1946	900	0	0	8	0	0	0			A	Ord	2,070
	Pennsylvanian, Pen	250		160	0	0	1	0	0		S	13	AL		
	Devonian, Dev	1,000		700	0	0	6	0	0		L	10	A		
	Trenton, Ord	1,513	1963	40	0	0	1	0	0		L	x	x		
Westfield E*; Clark; 12N; 14W															
	Pennsylvanian, Pen	400	1947	50	0	0	2	0	0	0	S	11	ML	Pen	678
Totals for Illinois (estimated)				34,585	182.8	19,487.7	674	2	1	5					

PART II. WATERFLOOD OPERATIONS

T. F. Lawry

INTRODUCTION

Secondary recovery methods accounted for 73.4 percent of the total oil produced in Illinois during 1968. Some 41,260,000 barrels were produced by waterfloods. Another 404,600 barrels were produced from 4 pressure maintenance projects, making a grand total of 41,664,700 barrels of crude oil produced by secondary recovery methods for the year.

This was the first year which abandonments exceeded the number of new projects. Fifty waterflood projects were abandoned while only 46 new projects were initiated. The new projects increased acreage under flood by 11,500 and expansion of older waterfloods added another 3600 acres to this total. During 1968, the total acreage subject to injection was 347,800, representing 47.7 percent of the total production pay area of Illinois.

Deep appreciation is expressed to the operators of the waterflood projects in Illinois for their cooperation and assistance in compiling these data.

SUMMARY OF WATERFLOOD OPERATIONS

Data for 46 new waterflood projects are presented for the first time in 1968. Fifty waterflood projects were abandoned during the year, and 12 projects were dropped for (1) lack of data, (2) because reorganization of data previously reported under more than one project number is now done better under one project number, or (3) because data for multiple-pay waterfloods are no longer available.

In the 46 new waterfloods, the area added to that already subjected to fluid injection was 11,500 acres. An additional 3600 acres were brought under injection by the expansion of older waterflood projects. Total productive pay acreage is estimated at 729,400 acres. Waterflood acreage accounts for 47.7 percent of this total.

Oil production by waterflooding in 1968, but not including pressure maintenance operations, was 41,260,000 barrels. Pressure maintenance operations accounted for 404,600 barrels. The reported waterflood oil represented 73.4 percent of the oil produced during the year. Since a substantial number of small waterfloods were neither reported nor estimated, it is likely that waterflood oil production reached 75 percent of the 1968 total production.

TABLES

Table 10, "Project Numbers by County and Summary of Waterflood Projects" contains a list of the counties of Illinois where waterflood projects are located. Waterfloods are assigned a number indicating the county in which each project is located. This table gives a numerical summary of the number of waterfloods in each county.

Table 11, "Waterflood Operations in Illinois, 1968" is a list of waterflood and pressure maintenance projects, active and abandoned. All, or most of the data furnished by the operators are included in this table. If no report was received from the operator, data were estimated, based on past performance of the waterflood.

Table 12, "Illinois Waterfloods for 1968 by Counties" is a summary of the waterflood data on a county-by-county basis.

Table 13, "Illinois Oil Pools Having Active Waterfloods During 1968" is a summary of data for pools having active waterfloods during that year. There are approximately 35 pools in which all of the earlier waterfloods are abandoned. These pools have been deleted from this table.

Table 14, "Summary of Waterflood Statistics 1949-1968" is a tabulation of Illinois waterflood summary totals accumulated during the past 20 years.

CONCLUSIONS

After reaching a production peak of about 50,000,000 barrels during 1961-63, the waterflood rate in Illinois has steadily declined. The 41,260,100 barrels of waterflood oil reported for 1968 represents 83 percent of that peak. During the same interval, primary oil production decreased to 56 percent of its 1961-63 rate. Thus, fluid injection methods are helping to lessen the decline of total oil production in Illinois but it seems evident that both primary and secondary recovery methods will continue to decline without a major breakthrough in discoveries or a major technological innovation for tertiary recovery.

ABBREVIATIONS

The following abbreviations have been used in tables 10 through 14:

abd - abandoned
adj - adjusted
coop - cooperates, cooperating
cum - cumulative
disc - discontinued
est - estimate, estimated
excl - excludes, excluding, excluded
form - formerly
incl - includes, including, included
inj - injection
op - operator
prev - previous
prim - primary
prod - production
temp - temporary, temporarily

No.	County	Active water-floods	Active pressure maintenance	Abandoned	Total
000	Bond	3	0	3	6
100	Christian	6	0	0	6
200	Clark	13	0	14	27
300	Clay	40	0	24	64
400	Clinton	13	1	4	18
500	Coles	15	0	7	22
600	Crawford	79	0	25	104
700	Cumberland	4	0	3	7
800	Douglas	2	0	1	3
900	Edgar	1	0	0	1
1000	Edwards	23	1	10	34
1100	Effingham	12	0	2	14
1200	Fayette	47	0	3*	50
1300	Franklin	23	0	8	31
1400	Gallatin	28	1	13	42
1500	Hamilton	37	0	26	63
1900	Jasper	17	0	8	25
2000	Jefferson	15	1	9	25
2200	Lawrence	90	0	15	105
2300	Macon	0	0	1	1
2400	Macoupin	1	0	0	1
2500	Madison	6	0	1	7
2600	Marion	28	0	7	35
2900	Montgomery	0	0	1	1
3100	Perry	2	0	0	2
3400	Richland	24	0	14	38
3600	Saline	12	0	7	19
3800	Shelby	3	0	0	3
3850	Wabash	93	0	41	134
4000	Washington	11	0	1	12
4100	Wayne	87	0	33	120
4200	White	144	0	60	204
4500	Williamson	1	0	0	1
	Total	880	4	341	1225

* Includes 1 Pressure Maintenance Project.

TABLE 11 - WATERFLOOD OPERATIONS IN ILLINOIS, 1968

Field, County / Project no. * = A80 + = P.M.	Operator	Project U = Unit	Pay name	Location S - T - R	Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
					Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68
AB LAKE W, GALLATIN										
*1417	COY OIL CO	AB LAKE WEST UNIT	WALTERSBURG	30,31-8S-10E		1091		184*		526*
*1421	COY OIL CO	AB LAKE WEST UNIT	AUX VASES	30,31-8S-10E		219		*		*
AOEN C, HAMILTON, WAYNE										
4158	BARGER ENG	SW FAIRFIELD UNIT	AUX VASES	22-2S-7E	185*	1162	7.9*	106	140*	530
*4101	TEXACO, INC.	AOEN SOUTH	AUX VASES	8,9,16,17,20-3S-7E		6138		1050		8418*
*4102	TEXACO, INC.	AOEN SOUTH	MCCLOSKY	8,9,16,17,20-3S-7E		6506		660		*
4181	TEXACO, INC.	NORTH AOEN UNIT	AUX VASES	28,32,33-2S-7E, 4,5-3S-7E	1356	8898	356.4*	1676*	3151*	9758*
4182	TEXACO, INC.	NORTH AOEN UNIT	MCCLOSKY	28,32,33-2S-7E, 4,5-3S-7E	2020	9933	*	*	*	*
AOEN S, HAMILTON										
1521	H. WEINERT EST.	SOUTH AOEN UNIT	AUX VASES SPAR MTN MCCLOSKY	29,30-3S-7E	332	2198	15.1	164		
AKIN, FRANKLIN										
*1310	C. E. BREHM	LARIO TRUSTEE A U	AUX VASES	36-6S-4E		109		0		
1311	C. E. BREHM	AKIN SE U	AUX VASES	25-6S-4E	83	1653	26.4	195		
1317	C. E. BREHM	U S COAL & COKE	CYPRESS	23-6S-4E	120*	513	4.3*	32	+	198
1321	C. E. BREHM	U S STEEL	AUX VASES	26-6S-4E	64	170	28.6	52	12*	46
1327	TEXAS AMERICAN	AKIN UNIT	AUX VASES	35-6S-4E	60	256	16.4	44	7	60
ALBION C, EDWARDS, WHITE										
*4201	CONCHO PET. CO.	NORTH CROSSVILLE UNIT	CYPRESS	26,27,34,35-3S-10E		3620		313		1270
*4202	CONCHO PET. CO.	N CROSSVILLE U	TAR SPRINGS	26,27,34,35-3S-10E		868		58		69
*1014	CONTINENTAL OIL	STAEFORD	MCCLOSKY	13-2S-10E		625		43		637
1026	N. V. DUNCAN	MAXWELL-MOSSBARGER	BETHEL	15-3S-10E	9	154	1.4	17		
*1015	FIRST NATL PET	BROWN	AUX VASES	6-2S-11E				0		
1006	GETTY OIL CO	SW ALBION BIEHL SD U	BIEHL	2,11,14-3S-10E	1041	12859	35.2	1479	604	7510
1002	JARVIS BROS.	H. WICK	OHARA	24-2S-10E	25*	852	11.1*	84	25*	558
1000	MOBIL OIL CORP.	BIEHL U 2	BIEHL	14-3S-10E	0*	4138	0.1	604	2	1161
1033	MOBIL OIL CORP.	ALBION U	AUX VASES OHARA	12-2S-10E,7,18-2S-11E	365	1139	100.0	113	64	108
4200	MOBIL OIL CORP.	BIEHL U 1	BIEHL	22,23-3S-10E	228	8167	11.1	1283	115	2729
4308	MOBIL OIL CORP.	W GRAYVILLE U	BETHEL AUX VASES	23-3S-10E	246	246	8.5	8	3	3
1001	NOAH PET	SOUTH ALBION U BIEHL	BIEHL	1,2-3S-10E	175*	2545	9.5*	442	130*	1459
1011	NOAH PET	S ALBION L BIEHL U	BIEHL	1-3S-10E, 35,36-2S-10E	120+	2976	3.3+	680*	75+	2157
1035	RK PET. CORP.	RK EAST ALBION UNIT	AUX VASES	6-2S-11E, 1-2S-10E	125	242	4.2	12		
*1018	REBSTOCK OIL CO.	EAST ALBION UNIT	AUX VASES	36-1S-10E, 31-1S-11E		1756		198		469
1003	SUPERIOR OIL CO.	SOUTH ALBION SRPU 1	BIEHL WALTERSBURG	25,36-2S-10E 30,31-2S-11E	683	7318	54.6	1835	442	3145
1004	SUPERIOR OIL CO.	SOUTH ALBION UNIT 2	MANSFIELD	1,2,11,12-3S-10E	341	676	72.2*	1740*	1172*	11459*
			BRIDGEPORT		307	5954				
			BIEHL		375	4848				
			WALTERSBURG		150	2030				
			AUX VASES		0	1328				
1032	SUPERIOR OIL CO.	WORKS UNIT	WALTERSBURG	18,19-2S-11E	34	303	9.0*	50*	34*	167*
			BETHEL		1	174				
			AUX VASES		0	39				
			MCCLOSKY		0	122				
1036	SUPERIOR OIL CO.	WILLETT	WALTERSBURG	30-2S-11E	18	97	30.2	153	90	192
*1030	TEXACO, INC.	BARNES EAST	WALTERSBURG	24-2S-10E	*	544		33		537
4353	P. O. WALL	GRAYVILLE WEST U	CYPRESS	22-3S-10E	83	1141	6.0	58	19	215
ALBION EAST, EDWARDS										
1005	READING & BATES	ALBION E U	AUX VASES	1-2S-10E,6-2S-11E	257	257	5.3	5	3	6
1031	WARRIOR OIL CO.	E.ALBION WALT.SAND U.	WALTERSBURG	31-1S-14W, 6-2S-14W	404	1197	13.0	50	124	440
ALLENDALE, LAWRENCE, WABASH										
3883	ADAMS OIL CO	G.O.ADAMS COOP	CYPRESS BETHEL	16-1N-12W	29	195	5.8	37	13	76
3969	ASHLAND O AND R	ERIENDSVILLE COOP	BIEHL	30-1N-12W	287	3571	15.5	260	261	3147
3902	BEULIGMANN ET AL	PRICE-ROBINSON	BIEHL	14-1N-12W	34	137	3.1	10	32	116
3865	JOHN BLEDSOE, JR	HOVERMALE	BENOIST	36-2N-12W	*	64	*	2	*	12
3905	FOREST OIL CO.	ALLENDALE(ELOOO 19)	BIEHL JORDAN	3,4,9,10-1N-12W	1129	27137	47.8	1810		
*3971	T. W. GEORGE	YOUNG WF	BENOIST	1-1N-12W		208		*		
*3990	H AND H OIL CO	BUCHANAN	CYPRESS	33-1N-12W	23	367	1.4	44	1	26
*3900	CECIL A. HAMMAN	GILLIATT-ALKA	BIEHL	13-1N-12W	82	2735	2.0	244		
3869	ILLINOIS OIL CO.	ERENCH ET AL	BIEHL	32-2N-12W	8	21	1.6	10	2	2
3906	ILLINOIS OIL CO.	YOUNG	BIEHL	1-1N-12W	234	3548	6.0	177*	159	529+
3996	ILLINOIS OIL CO.	SPARKS-PETER UNIT	BIEHL	36-2N-12W	168	350	4.7	49	118	523*
*3944	IND. FARM BUR.	WOODS 'C'	BIEHL	20-1N-12W		633		45		559
3964	IND. FARM BUR.	ALLENDALE U	BETHEL	13-1N-12W	624	4838	7.0	309	342	1341
*3992	IND. FARM BUR.	KEYSER '8'	BIEHL	13-1N-12W		303		20		*
3898	JACK KENEIPP	HERSHEY-COGAN	CYPRESS	35-2N-12W	16*	188	4.4*	22	18*	94
3899	JACK KENEIPP	A HERSHEY	CYPRESS	34-2N-12W	29*	222	4.4*	29	27*	177
3966	JACK KENEIPP	COGAN	BIEHL	35-2N-12W	254*	1677	8.2*+	183+	290*+	1612+
3978	JACK KENEIPP	COGAN	CYPRESS	35-2N-12W	3	189	*	*	*	*
*3999	JACK KENEIPP	WALSER	TAR SPRINGS	2-1N-12W		26		5		6
3911	KINGWOOD OIL CO.	MADDEN	BIEHL	6,7-1N-11W	309	488	3.7	11	78	210
*3952	L AND M DRILLING	STANLEY PRICE	BIEHL	19-1N-12W		887		167		348
3871	OAYTON LOEFFLER	ERIENDSVILLE EAST U.	BIEHL	19-1N-12W	94	285	59.7	162	24	48
3901	OAYTON LOEEFLER	CLARK, BARTH.-PINNICK	TAR SPRINGS	25,36-2N-12W	17	37	1.7	2	1	1
3951	OAYTON LOEEELER	ALLENDALE WEST U	BIEHL	8-1N-12W	383	3670	9.2	514	323	2203

Field, County / Proj. no.	Reservoir statistics (avg. value) Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Development as of 12-31-68 Date first inj.	Date abd.	No. of wells Inj.	Prod.	Acres under inj.	Injection water Source SO = Sand GR = Gravel PROD = Produced SH = Shallow	Type (F) = Fresh (B) = Brine (M) = Mixed	Remarks
A8 LAKE W, GALLATIN													
*1417	2025	17.0	16.3	20	36.9	07-59	06-64	6	9	180	SH GRAV, PENN SO	(F)	*INCL 1421
*1421	2750	10.0	16.3	27	37.1	07-59	06-64	1	2	30	SH GRAV, PENN SO	(F)	*INCL WITH 1417
AOEN C, HAMILTON, WAYNE													
4158	3250	9.0	21.0	156	40.0	02-62		2	7	100	PENN SO, PROD	(B)	*ESTIMATED
*4101	3200	10.0	22.0	150	37.0	08-46	03-66	12	12	640	PRODUCED	(B)	*INCL 4102
*4102	3350	3.6			37.0	08-46	03-66	11	5	640	PRODUCED	(B)	*INCL WITH 4101
4181	3150	12.0			36.0	01-64		22	21	1000	PENN SO, PROD	(B)	*INCL 4182
4182	3350	14.0			38.0	01-64		16	21	1000	PENN SO, PROD	(B)	*INCL WITH 4181
AOEN S, HAMILTON													
1521	3245	21.0				03-64		4	10	150	PENN SO, PROD	(B)	
	3335	10.0						4	10	150			
	3390	8.0						2	2	80			
AKIN, FRANKLIN													
*1310	3100	20.0				02-60	12-62	2	5	120	CYPRESS	(B)	
1311	3120	20.0	20.5	175	38.0	10-61		3	11	150	PENN SO, PROD	(B)	
1317	2840	15.0	13.0	90	34.0	05-62		2	6	80	PENN SO, PROD	(M)	*EST 1-68-10-68 +NO DATA 1968
1321	3100	16.0			38.0	06-65		1	4	60	PENN SO, PROD	(B)	*ESTIMATED
1327	3060	14.7			37.0	01-66		3	3	100	PENN SO, PROD	(B)	
ALBION C, EDWARDS, WHITE													
*4201	2850	12.0	18.0		37.0	10-52	12-58	8	21	250	RIVER, PROD	(M)	
*4202	2460	6.0	18.0		37.0	10-52	12-58	4	5	100	RIVER, PROD	(M)	
*1014	3222	4.0	16.3	898	39.0	05-43	12-56	1	7	80	PRODUCED	(B)	
1026	2990	8.0				06-62		1	1	30	PRODUCED	(B)	
*1015	3005	21.0				04-52	07-55	1	1	30	HAROINSBURG	(B)	
1006	1850	16.2	18.0	150	32.2	01-55		17	17	403	GRAVEL, PROD	(M)	
1002	3150	10.0				07-51		1	2	80	PRODUCED	(B)	*ESTIMATED
1000	1900	30.0	19.3	303	35.8	09-50		0	1	50	RIVER, PROD	(M)	*NO INJ 1968
1033	3025	15.0	17.3	35	39.0	02-66		7	11	200	PENN SO, PROD	(B)	
	3060	13.0						3	9	120			
4200	1900	21.2	20.2	265	38.0	06-48		4	8	170	RIVER, PROD	(M)	
4308	2930	12.0				02-68		5	5	330	FRESH, PROD	(M)	
	3160	18.0						11	10				
1001	2075	18.0	20.0	200	33.4	12-55		2	5	110	PRODUCED	(B)	*ESTIMATED 1967-68
1011	2080	9.2	16.8	384	32.3	04-51		2	1	120	PRODUCED	(B)	*INCL PRIM PROD SINCE 4-51 +EST
1035	3010	18.3				10-66		3	4	70	CITY WATER	(F)	
*1018	3000	14.3	18.0	13	37.5	11-59		6	5	340	PENN SO, PROD	(B)	
1003	2025	12.3	18.5	807	36.0	01-55		4	6	222	SH SO, PROD	(M)	
	2400	7.1	18.6	74	36.0			2	5	325			
1004	1630	10.0	20.6	53	37.0	01-67		2	7	90	GRAVEL BEO, PROD	(M)	*INCL ALL PAYS
	1870	12.2	20.2			08-56		4	9	257			
	2050	15.8	18.2	338		08-56		4	3	80			
			19.2			06-60		2	2	135			
			20.6			08-56		0	1	140			
1032	2356	6.0	19.0	480	34.0	12-65		2	5	70	SH SO	(F)	*INCL ALL PAYS +INJ SUSPENDED
	2919	6.0	14.6	10		12-65		1	3	100	SH SO	(F)	INTO MCCL,A.V.1-68 BETHEL 6-68
	3040	5.0	15.8	53		12-65		0	2	50	SH SO	(F)	
	3068	8.0	14.2	3003	34.0	09-65		0	0	60	PRODUCED	(B)	
1036	2400	8.5	19.2	209	38.0	10-65		1	3	40	SH SO	(F)	
*1030	2370	20.0			39.0	11-63	12-66	1	4	40	PRODUCED	(B)	*SWD ONLY
4353	2850	12.0	17.0	50	38.0	05-62		4	5	225	BIEHL, PROD.	(B)	
ALBION EAST, EDWARDS													
1005	3050	25.0	15.0	25	41.0	03-68		4	5	100	PURCHASED	(F)	
1031	2250	11.2	20.6	167	36.0	10-65		2	8	132	GRAV, PROD	(M)	
ALLENDALE, LAWRENCE, WABASH													
3883	1996	10.0			37.0	05-64		1	3	40	SH SO, PROD	(M)	
	2110	10.0						1	3	40			
3969	1600	15.0	14.2	335	33.0	10-60		1	6	90	PRODUCED	(B)	
3902	1472	10.0	17.0		35.0	12-65		1	1	10	SH SO, PROD	(M)	
3865	1948	30.0	18.7	77	36.4	02-65		1	1	20	SH SO, PROD	(M)	*NO DATA 1966-68
3905	1465	15.0	17.7	390	35.7	06-55		21	18	307	GRAVEL BEO	(F)	
	1495	13.0	14.9	100									
*3971	2020	15.0				01-58	04-63	2	2		GRAVEL BEO	(F)	*INCL WITH 3906
*3990	2000	20.0	16.0	128	39.0	11-59	09-68	1	1	40	GRAVEL BEO, PROD	(M)	
*3900	1485	15.0	24.6	1066	32.5	11-54	09-68	5	3	35	SH SO, PROD	(M)	
3869	1575	8.0	17.0	40	36.0	05-65		1	1	10	SH SO	(F)	
3906	1375	15.0	17.0	150	36.0	01-58		5	5	120	SH SO, PROD	(M)	*INCL 3971 +SINCE 1-1-65
3996	1375	15.0	16.0	200	37.0	10-62		3	3	50	SH SD, PROD	(M)	*SINCE 1-1-65
*3944	1520	15.0			28.4	11-53	06-57	5	7	147	PRODUCED	(B)	
3964	2120	20.0	20.1	115	36.5	07-59		10	14	180	PRODUCED	(B)	
*3992	1450	9.0			37.0	07-59	10-66	1	2	60	SH SO, PROD	(M)	*INCL WITH 3964
3898	1920	10.0				07-62		1	1	20	SH SO, PROD	(M)	*INCL 3979 1962-63
3899	1920	8.0				07-62		1	1	20	SH SO, PROD	(M)	*ESTIMATED
3966	1380	18.0	18.0			06-60		2	3	18	SH SO, PROD	(M)	*ESTIMATED +INCL 3978
3978	1920	10.0				09-61		2	4	18	SH SO, PROD	(M)	*INCL WITH 3966
*3999	1553	11.0				07-62	10-64	1	1	20	SH SD, PROD	(M)	
3911	1450	20.0	18.0			10-66		3	6	153	SH SO	(F)	
*3952	1520	20.0	18.0	450	33.0	11-54	01-60	1	3	40	SH WELL	(F)	
3871	1520	20.0	15.0	200	35.0	06-64		3	8	100	SH SO	(F)	
3901	1500	10.0	16.0	40	33.0	08-66		1	2	30	SH WELL	(F)	
3951	1500	20.0	17.8	450	35.0	03-58		4	3	80	SH SO, PROD	(M)	

TABLE 11 - WATERFLOOD OPERATIONS IN ILLINOIS, 1968 - Continued

Field, County / Project no. * = ABD + = P.M.	Operator	Project U = Unit	Pay name	Location S - T - R	Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
					Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68
ALLENDALE, LAWRENCE, WABASH (CONTINUED)										
*3993	ROYALCO, INC.	STILLWELL COURTER U	WALTERSBURG CYPRESS	21,22-1N-12W	107	1625	8.9	341	50	653
2201	JOE SIMPKINS OIL	HERSHEY U	BETHEL	27-2N-12W 34,35-2N-12W	360*	665	45.1*	62	80*	137
3920	C. E. SKILES	YELTON-KERZAN	BIEHL	5-1N-12W	0*	*	4.5	51		
2231	WAYNE SMITH, OP.	SAND BARREN UNIT 1	BIEHL JORDAN	26-2N-12W	341	2855	23.4	312	318	2543
2232	WAYNE SMITH, OP.	SAND BARREN UNIT 2	BIEHL	23,26-2N-12W	32	337	6.9	72	25	199
3863	WAYNE SMITH, OP.	MT CARMEL UNIT	BIEHL CYPRESS	21-1S-12W	450	468	31.8	33	104	104
*3903	WAYNE SMITH, OP.	TAYLOR-WHEATLEY	BIEHL JORDAN	7,18-1N-12W		1124		217		909
3908	WAYNE SMITH, OP.	SHAW-SMITH-HIGH	BIEHL JORDAN	35-2N-12W	32	1555	1.3	119	31	1436
*3904	TAMARACK PET.	PATTON C	CYPRESS	28-1N-12W		644*		90*		147*
*3979	TAMARACK PET.	HERSEY-COGAN	BIEHL	35-2N-12W		9		4*		17*
3868	UNIVERSAL OPRTNG	LITHERLAND-SMITH UNIT	BIEHL	5-1N-12W	158	614	7.5	89		130
*3973	UNIVERSAL OPRTNG	SOUTH ALLENDALE	BIEHL	15-1N-12W		845		38		247*
3909	WOLOP OIL CO.	ALLENDALE U	BIEHL JORDAN	3-1N-12W	100*	5273	4.2*	261	100*	3744
ASSUMPTION C, CHRISTIAN										
100	CONTINENTAL OIL	BENOIST	BENOIST	3,4,9,10,15,16, 21-13N-1E	111	74233	15.3	1340	63	2759
101	CONTINENTAL OIL	DEVONIAN	LINGLE	3,9,10-13N-1E	1896	13560	96.9	1674	644	3468
102	CONTINENTAL OIL	ROSICLARE	SPAR MTN	9,10-13N-1E	445	3002	64.1	1015	497	3046
104	FEAR AND DUNCAN	ASSUMPTION WFU	DEVONIAN	17,20-13N-1E	70*	305	16.1*	40	45*	100
105	J. W. RUDY DRLG.	PEABODY-RIDGE	DEVONIAN	16-13N-1E			24.0*	24		
BARNHILL, WAYNE, WHITE										
*4103	ASHLAND O AND R	BARNHILL U	MCCLOSKY	26,34,35-2S-8E		9137		1235		
4170	ASHLAND O AND R	BOZE UNIT	AUX VASES	27,28,34-2S-8E	104	540	18.5	82	94	334
4171	ASHLAND O AND R	CALDWELL UNIT	AUX VASES	34-2S-8E	233	1151	13.2	61	180	597
4199	N. V. DUNCAN	BOZE U	AUX VASES	28,33,34-2S-8E	49	239	7.5	31		
*4129	WAYNE DEV	WALTER	MCCLOSKY	26-2S-8E		144		21*		119
*4104	WILLETS AND PAUL	BARNHILL UNIT	AUX VASES	27,28-2S-8E		4090		491		1880
*4105	WILLETS AND PAUL	BARNHILL UNIT	OHARA	27-2S-8E		53		7		2
BARTELSO, CLINTON										
* 400	T. R. KERWIN	BELLE OIL	CYPRESS	4-1N-3W		978		135*		187
* 401	ROBBEN OIL CO.	ROBBEN OIL UNIT	CYPRESS	4-1N-3W		3100		639*		1621
402	H. S. WOODARD	H.S. WOODARD, TRUSTEE	CYPRESS	5,8-1N-3W	75	1541	2.0	327	75	1789
BEAUCOUP, WASHINGTON										
4005	SHELL OIL CO.	BEAUCOUP S. UNIT	BENOIST	33,34-2S-2W	628	4586	23.8	281	513	3785
BEAUCOUP S, WASHINGTON										
4008	WARRIOR OIL CO.	GILBERT	BENOIST	34-2S-2W	6	97*	0.8	32*	6	97*
BEAVER CREEK, BOND, CLINTON										
* 1	T. M. CONREY, JR	WRONE C	BENOIST	36-4N-3W		106		23		
2	W. C. MCBRIDE	JACOBS	BENOIST	31-4N-2W	24	24	1.5	2	17	17
BEAVER CREEK S, BOND, CLINTON										
405	T. M. CONREY, JR	R-K-R-S	BENOIST	11,12,13,14-3N-3W	112	1103	5.9	186		
BELLAIR, CRAWFORD, JASPER										
600	BELLAIR OIL	BELLAIR	BELLAIR 500	2,11,12-6N-14W	1000	29078	12.0	827	950	5165
601	BELLAIR OIL	FULTON (BELLAIR)	BELLAIR 500	1,2,11,12-8N-14W	144*	60290	12.0*	1496	144*	32572
* 666	WAUSAU PET. CORP	GRANT	ROBINSON	13-8N-14W		1343		161		380
BEMAN, LAWRENCE										
*2248	E. L. WHITMER	DECATUR INVESTMENT	MCCLOSKY	23,24-3N-11W		683		40		400
BENTON, FRANKLIN										
1300	SHELL OIL CO.	BENTON U	TAR SPRINGS	23,24,25,26,35,36-6S-2E 18,30,31-6S-3E	6467	188216	140.1	19050	5782	143061
1314	SHELL OIL CO.	SHELL-BENTON DEEP	AUX VASES OHARA MCCLOSKY	25,36-7S-2E	829	4460	200.2	1232	453	1915
BENTON N, FRANKLIN										
1326	SHAKESPEARE OIL	NORTH BENTON UNIT	PAINT CREEK OHARA SPAR MTN	1-6S-2E	352	700	99.7	153	59	112
1328	TEXAS AMERICAN	BENTON NORTH UNIT	BETHEL AUX VASES OHARA MCCLOSKY	25,35,36-5S-2E	875	2112	226.9	504	421	791
BERRYVILLE C, EDWARDS, WABASH										
*3942	PHILLIPS PET. CO	TARPLEY C	MCCLOSKY	2-1N-14W		35		0		103
*3943	PHILLIPS PET. CO	TOWNSEND	MCCLOSKY	35-2N-14W		50		0		86

Field, County / Proj. no.	Reservoir statistics (avg. value) Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Development as of 12-31-68 Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Injection water Source SD = Sand GR = Gravel PROD = Produced SH = Shallow Type (F) = Fresh (B) = Brine (M) = Mixed	Remarks
ALLENDALE, LAWRENCE, WABASH (CONTINUED)												
*3993 1500	11.0	18.6	45	33.4	01-62		1	1	30	RIVER, PRDD (M)		
2000	10.0			36.9			5	10	180			
2201 2010	12.0			37.0	01-67		6	8	130	PENN SD, PRDD (B)	*ESTIMATED	
3920 1600	15.0	18.0		35.5	06-66			2	20		*ADJ TO ACTIVE WE	
2231 1300	18.0			34.0	09-57		10	7	75	SURFACE, PRDD (M)		
1340	8.0											
2232 1280	20.0			33.0	06-58		3	10	65	SURFACE, PRDD (M)		
3863 1450	16.0	17.0	100	39.0	12-67		10	10	200	GRAVEL BED (F)		
2000	10.0	18.0	150				12	12	210			
*3903 1400	15.0				06-57	12-66	4	6	50	RIVER GRAV, PRDD (M)		
1440	8.0								50			
3908 1380	15.0			34.0	09-57		2	6	45	SURFACE, PRDD (M)		
1420	8.0											
*3904 1800	16.0			34.8	01-54	12-60	4	7	130	RIVER GRAV, PRDD (M)	*ESTIMATED	
*3979 1388	12.0				10-61	03-63	1	1	10	SH SD, PRDD (M)	*INCL 3898,(1962,1963)	
3868 1500	15.0			37.0	04-65		2	3	60	PENN SD, PRDD (B)	*ESTIMATED	
*3973 1480	13.0	15.0	160	32.9	03-61	09-67	6	3	60	SH SD, PRDD (M)	*INCL PRIM PRDD SINCE 1961	
3909 1500	18.0	15.0	1400	34.0	09-53		3	3	40	TAR SPGS, PRDD (B)	*ESTIMATED	
1538	14.0											
ASSUMPTION C, CHRISTIAN												
100 1050	13.0	19.0	100	38.0	07-50		6	11	350		*INJ SUSPENDED 11/62-6/68 +PRDD WATER REINJ OTHER PAYS	
101 2300	13.0	12.0	50	40.0	05-55		23	24	600	PRODUCED (B)		
102 1150	12.0	22.0	561	39.3	06-55		6	8	208	PRODUCED (B)		
104 2329	20.0			40.0	06-66		2	7	180	PRODUCED (B)	*ESTIMATED	
105					11-67		5	5	200		*ESTIMATED	
BARNHILL, WAYNE, WHITE												
*4103 3350	9.0			39.0	01-51	03-63	10	22	260	CYPRESS (B)		
4170 3300	14.0			38.2	10-63		3	5	120	PENN SD (B)		
4171 3560	15.0			36.9	10-63		6	5	140	PENN SD (B)		
4199 3328	25.0				11-63		2	4	70	PENN SD, PRDD (B)		
*4129 3450	18.0				12-50	01-55	1	2	40	CYPRESS (B)	*INCL PRIM PRDD	
*4104 3250	14.0	18.7	42	38.0	10-56	12-66	12	10	230	PENN SD, PRDD (B)		
*4105 3323	8.0	20.1	108	39.0	10-56	12-59	2	6	40	PENN SD, PRDD (B)		
BARTELSO, CLINTON												
* 400 970	15.0	22.2	165	37.0	04-52	01-63*	5	5	40	TAR SPRINGS (B)	*ESTIMATED	
* 401 980	12.0	20.0	110	36.9	11-53	01-63*I	12	19	200	BETHEL, PRDD (B)	*ESTIMATED	
402 970	18.0	21.0	210	38.0	01-54		5	3	80	PRODUCED (B)	*ESTIMATED 1966-68	
BEAUCOUP, WASHINGTON												
4005 1440	6.0	19.0	240	36.0	11-60		7	10	307	PENN SD, PRDD (B)		
BEAUCOUP S, WASHINGTON												
4008 1445	6.0	17.5	111	36.0	01-55		1	1	27	PRODUCED (B)	*SINCE 1-55 +INCL PRIM PRDD	
BEAVER CREEK, BOND, CLINTON												
* 1 1140	8.0	20.7	208	37.4	07-53	12-61	1	4	40	PRDD (B)		
2 1100	10.0	20.0	110		06-68		1	1	20	PRODUCED (B)		
BEAVER CREEK S, BOND, CLINTON												
405 1110	8.0			34.0	01-56		3	11	140	PRODUCED (B)		
BELLAIR, CRAWFORD, JASPER												
600 600	38.0	17.1	148	31.0	07-48		56	50	204	SH SD, PRDD (M)	*ESTIMATED +SINCE 1-64	
601 560	21.0	19.0	149	32.0	07-48		35	69	443	GRAV, PRDD (M)	*ESTIMATED	
* 666 950	16.0	17.2	125	39.0	02-53	02-61	15	11	70	PENN SD, PRDD (M)		
BEMAN, LAWRENCE												
*2248 1850	10.0				09-63	10-67	7	4				
BENTON, FRANKLIN												
1300 2100	35.0	19.0	165	37.5	11-49		87	62	2200	LAKE, PRDD (M)		
1314 2760	17.0	18.2		39.0	05-62		9	8	550	CYPRESS, PRDD (M)		
2810	7.0						5	7	320			
2890	12.0						3	6	320			
BENTON N, FRANKLIN												
1326 2590	9.2	15.0	22	36.0	12-66		5	13	180	PENN SD (B)		
2755	6.0	12.0					1	3	80			
2800	6.0						1	1	40			
1328 2550	8.0				02-66		6	9	140	DEGONIA, PRDD (B)		
2660	12.0						6	9	140			
2730	5.0						4	4	90			
2800	8.0						3	4	140			
BERRYVILLE C, EDWARDS, WABASH												
*3942 2890	10.0				09-52	01-53	1	2	14	TAR SPGS, PRDD (B)		
*3943 2890	10.0				02-52	06-53	1	2	27	TAR SPGS, PRDD (B)		

TABLE 11 - WATERFLOOD OPERATIONS IN ILLINOIS, 1968 - Continued

Field, County / Project no. * = ABD + = P.M.	General information: Operator	Project U = Unit	Pay name	Location S - T - R	Production and injection statistics (M bbls): Water injection Total 1968	Water injection Cum. 12-31-68	Oil production Total 1968	Oil production Cum. 12-31-68	Water production Total 1968	Water production Cum. 12-31-68
BLACKLAND, CHRISTIAN, MACON										
*2300	FEAR AND DUNCAN	DAMERY C	SILURIAN	5-15N-1E		6		0		4
BONE GAP C, EDWARDS										
1034	CONTINENTAL OIL	BONE GAP SOUTH UNIT	CYPRESS	19-1S-14W	67	260	3.2	6	21	35
+1013	V. R. GALLAGHER	BONE GAP UNIT	WALTERSBURG	18-1S-14W	188	1753	13.8	505	188	1753
BOULDER, CLINTON										
* 411	TEXACO, INC.	BOULDER BENOIST SD U	BENOIST	2-2N-2W,35,36-3N-2W		9234		681		4368
BOURBON C, DOUGLAS										
800	T. J. LOGUE	BOURBON POOL WF	SPAR MTN	2,11,12-15N-7E	*	6000*	*	500*	*	*
BOYD, JEFFERSON										
2000	SUPERIOR OIL CO.	BOYD FIELD UNIT	AUX VASES	18,19,20,29,30-1S-2E, 13,24,25-1S-1E	873	15223	*	*	*	*
2001	SUPERIOR OIL CO.	BOYD FIELD UNIT	BENOIST	18,19,25,30-1S-2E, 13,24,25-1S-1E	680	55525	33.5*	4188*	1553*	45066*
BROWN, MARION										
2615	ELMER BIERMAN	LEONARD-LANCASTER	CYPRESS	16-1N-1E	37	255	1.6	23	26	214
BROWNS, EDWARDS, WABASH										
1020	IND. FARM BUR.	SCHONAMAN WF	OHARA	3,10-2S-14W	61	101	16.9	36		
1021	SUPERIOR OIL CO.	BROWNS U CYPRESS	CYPRESS	28,33-1S-14W	4	2018	5.5*	395*	9*	689*
1022	SUPERIOR OIL CO.	BROWNS U BETHEL	BETHEL	28,33-1S-14W	2	1129	*	*	*	*
1023	SUPERIOR OIL CO.	BROWNS U WEILER	CYPRESS	28,33-1S-14W	4	492	*	*	*	*
BROWNS F, WABASH										
*3912	T. W. GEORGE	BELLMONT WF ASSOC C	CYPRESS	1,2,11,12-2S-14W		3009		905*		1122
3914	T. W. GEORGE	SOUTH BELLMONT	CYPRESS	1,14-2S-14W	49	68	5.1	7	3	11*
3950	T. W. GEORGE	MORRIS-BELLMONT	CYPRESS	11-2S-14W	103	152	20.9	26	15	16
*3913	MOBIL OIL CORP.	BELLMONT	CYPRESS	2,11-2S-14W		822*		582		268
BUNGAY C, HAMILTON										
1550	COLLINS BROS.	SOUTH BUNGAY UNIT	RENAULT	34,35-4S-7E	360*	1661	37.6*	121	225*	548
1558	COLLINS BROS.	NORTH BUNGAY	RENAULT AUX VASES	13,14,23,24-4S-7E	660*	1782	86.3*	248	200*	430
1527	FEAR AND DUNCAN	O'DELL	RENAULT	16-4S-7E	48*	94	19.3*	37	8*	12
1522	MARATHON OIL CO.	BUNGAY 1-A	AUX VASES	26,27,34,35-4S-7E	1274	9399	37.6	820	1331	6947
1554	MOBIL OIL CORP.	HAYES	AUX VASES	15-4S-7E	111	342	7.8	31	41	121
*1500	TEXACO, INC.	BLAIRSVILLE U	AUX VASES	16,17,20,21-4S-7E		7692		699		2457
*1530	TEXACO, INC.	J.A. LYNCH	AUX VASES	16-4S-7E	35	1921	1.9	75	35	707
1515	V-F PETROLEUM	BUNGAY U WF	AUX VASES	21-4S-7E	156	291	8.7	11	13	23
CALHOUN C, RICHLAND, WAYNE										
*3400	ASHLAND O AND R	CALHOUN	MCCLOSKY	7,18-2N-10E, 13-2N-9E		3032		157		
*3401	SAM TIPPS	BOHLANDER UNIT	MCCLOSKY	6,7-2N-10E		2175*		235*		1681*
CALHOUN E, RICHLAND										
3423	ALVA C. DAVIS	SLUNAKER	MCCLOSKY	7-2S-11E	*	93	*	1	*	4
CALHOUN S, EDWARDS, RICHLAND, WAYNE										
4086	ZANETIS OIL PROP	RUTGER	MCCLOSKY	1,2-1N-9E	29	66	21.5	73	29	66
CARLYLE, CLINTON										
407	T. M. CONRFY, JR	KREITEMEYER	BENOIST	23-3N-3W	48	432	10.4	39		
CARMI, WHITE										
4402	ROYAL O AND G	NIEKAMP	MCCLOSKY	26-5S-9E	10	95	9.6	26	7	25
CASEY, CLARK										
226	K. E. BUSH	E.A. SHAWVER	CARPER	23,24-10N-14W	*	49*	*	28*	*	70*
* 217	CALVAN AMERICAN	SHAWVER	CASEY	23,24-10N-14W		49		0		0
* 201	FOREST OIL CO.	CASEY	CASEY	14,15,23-10N-14W		8030		462		
* 202	O. W. FRANCHOT	N. CASEY	CASEY	33,34-11N-14W 4,5-10N-14W	180	3032	2.4	38		
CENTERVILLE, WHITE										
4409	ABSHER OIL CO	BROWN UNIT	OHARA	2-4S-9E	28	268	1.1	4	12	29
CENTERVILLE E, WHITE										
4203	CONSOL. O AND G	E. CENTERVILLE UNIT	TAR SPRINGS CYPRESS BETHEL AUX VASES	18-4S-10E	676	7410	35.3	889	735	5174
4379	GULF OIL CO	EAST CENTERVILLE UNIT	TAR SPRINGS HARDINSBURG	7,8,17-4S-10E	1904	16670	99.6*	1799*	1564*	9941*

Field, County / Proj. no.	Reservoir statistics (avg. value) Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Development as of 12-31-68 Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Injection water Source SD = Sand GR = Gravel PROD = Produced SH = Shallow	Injection water Type (F) = Fresh (B) = Brine (M) = Mixed	Remarks
BLACKLAND, CHRISTIAN, MACON													
*2300 1920	10.0			37.0	10-63	12-63		1	2	80	AUX VASES (B)		
BONE GAP C, EDWARDS													
1034 2320	10.0	17.3			02-66			1	2	100	PRODUCED (B)		
+1013 2310	20.0	18.0	120	34.6	06-52			1	11	120	PRODUCED (B)		
BOULDER, CLINTON													
* 411 1200	25.0	17.9	104	34.6	09-60	10-64		25	17	470	PROD (B)		
BOURBON C, DOUGLAS													
800 1600	12.0			34.0	09-59			18*	30*	800*	PRODUCED (B)		*NO DATA 1966-68, EST 1959-65
BOYD, JEFFERSON													
2000 2130	11.9	21.4	24	36.8	03-55			5	10	569	PRODUCED (B)		*INCL WITH 2001
2001 2065	17.3	17.5	173	39.5	06-55			2	8	1564	SH SD, PROD (M)		*INCL 2000
BROWN, MARION													
2615 1650	10.0			33.0	07-60			1	3	40	PRODUCED (B)		
BROWNS, EDWARDS, WABASH													
1020 3022	8.0			35.4	11-66			1	8	380	SH SD (F)		
1021 2640	8.2	16.8	106	36.8	11-59			1	1	198	PRODUCED (B)		*INCL 1022, 1023
1022 2780	6.3	17.5	5	36.8	11-59			3	1	176	PRODUCED (B)		*INCL WITH 1021
1023 2720	7.0	17.4	5	36.8	02-60			2	2	169	PRODUCED (B)		*INCL WITH 1021
BROWNS E, WABASH													
*3912 2570	13.0				01-51	01-57		18	18	290	SH SD, PROD (M)		*INCL PRIM PROD
3914 2560	8.0			37.0	04-56			2	2	75	PENN SD, PROD (B)		*SINCE 1967
3950 2580	7.0	16.0		35.0	08-67			3	7	139	GRAV BED (F)		
*3913 2570	11.0			35.0	11-47	07-63		6	8	169	TAR SPGS, PROD (B)		*NO INJ SINCE 12-58
BUNGAY C, HAMILTON													
1550 3280	6.0	12.0	244	38.5	08-64			5	11	300	PENN SD, PROD (B)		*ESTIMATED 1968
1558 3280	8.0	18.9	325	39.0	09-65			4	5	100	PENN SD (B)		*ESTIMATED 1968
3300	10.0	20.0	100					6	5	120			
1527 3254	12.0	14.0	350	38.0	01-67			1	4	60	PRODUCED (B)		*ESTIMATED
1522 3300	17.0	22.0	182	41.0	05-61			6	11	390	CYPRESS, PROD (B)		
1554 3275	13.5	21.8	104	36.0	09-65			3	3	22	SH SD, PROD (M)		
*1500 3330	15.5	19.6	92	37.0	06-48	07-64		10	12	640	PENN, PROD (B)		
*1530 3300	25.0	17.8	107	37.0	09-61	10-68		1	1	60	PENN SD, PROD (B)		
1519 3331	15.0	20.0	80	39.1	09-66			2	2	60	SH SD, PROD (M)		
CALHOUN C, RICHLAND, WAYNE													
*3400 3150	6.0			37.0	09-51	08-64		3	8	140	CYPRESS (B)		
*3401 3130	10.0	11.2	67	39.0	06-50	12-66		3	10	220	PRODUCED (B)		*NO DATA 1959-1966
CALHOUN E, RICHLAND													
3423 3268	10.0			37.2	08-65			2	2	80	TAR SPR, PROD (B)		*INACTIVE 1966-68
CALHOUN S, EDWARDS, RICHLAND, WAYNE													
4086 3250	23.0			39.0	08-66			2	7	20	PRODUCED (B)		
CARLYLE, CLINTON													
407 1142	7.0			34.0	06-55			1	7	80	PRODUCED (B)		
CARMI, WHITE													
4402 3143	8.0			30.0	09-65			1	2	60	PENN SD, PROD (B)		
CASEY, CLARK													
226 1345	30.0	15.0	8	38.0	06-61			1	11	110	PRODUCED (B)		*NO DATA 1965-68
* 217 450	21.5	22.4	108	31.8	08-53	08-54		9	4	40	SH SD (F)		
* 201 450	10.0			31.9	03-50	03-61		76	66	280	GRAV BED AND PROD (M)		
* 202	20.0	21.5	400	26.0	12-53	12-68		15	12	40	SH SD, PROD (M)		
CENTERVILLE, WHITE													
4409 3360	13.0			37.0	12-65			1	1	20	PENN SD (B)		
CENTERVILLE E, WHITE													
4203 2470	17.0	16.0	97		03-56			5	8	130	PALESTINE, PROD (B)		
2850	17.0	15.0	12					8	9	190			
2960	17.0	14.0	8					4	4	80			
3060	20.0	20.0	45					4	7	110			
4379 2460	37.0	15.7		36.6	01-63			22	17	420	SH SD, PROD (M)		*INCL ALL PAYS
2632	10.0							1	0	10			

Field, County / Project no. * = ABO + = P.M.	Operator	Project U = Unit	Pay name	Location S - T - R	Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
					Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68
CENTERVILLE E, WHITE (CONTINUED)										
			CYPRESS BETHEL AUX VASES MCCLOSKY							
4394	GULF OIL CO	JONES-BAIRD	CYPRESS	7-4S-10E	123	840	15.1	97	153	645
*4267	O. B. LESH	CENTERVILLE E	SPAR MTN	12-4S-9E				4*		4
4376	MOBIL OIL CORP.	JONES ESTATE	TAR SPRINGS	7-4S-10E	156	837	11.1	148	37	84
*4246	SUN OIL CO.	E. CENTERVILLE	TAR SPRINGS	7-4S-10E		269		39		132
CENTRAL CITY, MARION										
2623	WILLIAM PFEFFER	PFEFFER U	PETRO	8-1N-1E	5	26	1.7	10		
CENTRALIA, CLINTON, MARION										
419	KARCHMER PIPE	KARCHMER-TRENTON	TRENTON	1,2-1N-1W,26,27,34,35 36-2N-1W	618	943	32.0	32	12	33
403	W. O. MORGAN	CENTRALIA FIELD	BENOIST	35-2N-1W	166	*	5.0	87 +	166	
420	HUBERT ROSE	BUEHLER COMM	DEVONIAN	1-1N-1W	240*	2537	25.7*	55	240*	2537
412	FREO SEIP	ROTHMEYER,BUEHLER,COE	CYPRESS	13-1N-1W	110	630	4.4	50	128	762
404	SHELL OIL CO.	CENTRALIA U	CYPRESS BENOIST	1,2,12-1N-1W, 35,36-2N-1W	7345	75610	217.5	10336	5925	73210
* 408	SOHIO PETROLEUM	COPPLE TRENTON	TRENTON	35-2N-1W		236		34		21
CHESTERVILLE E, DOUGLAS										
801	T. W. GEORGE	ARCOLA UNIT	SPAR MTN	5,6-14N-8E, 31-15N-8E	743	4497	35.2	385	239	1270
CLAY CITY C, CLAY, JASPER, RICHLAND, WAYNE										
*1900	ASHLAND O AND R	BOOS EAST	MCCLOSKY	2,3,10-6N-10E		333		16		
*3402	ASHLAND O AND R	NOBLE NORTH	MCCLOSKY	35-4N-9E		318		8		
1915	BANGERT CASING	OELLA HARVEY	SPAR MTN	12-5N-9E	20*	624	3.6*	60	20*	70
3419	WM. BECKER	WAKEFIELD-HARRELL U	CYPRESS	26-4N-9E	86	1815	6.6	363	126	1663
362	C. E. BOOTH	STANFORD	AUX VASES	4-2N-7E	30*	65	10.0*	14+	1*	2
3403	H. L. BROCKMAN	EAST NOBLE UNIT	SPAR MTN	10-11-3N-9E	100	3414	2.0	251	100	1706
1918	CONTINENTAL OIL	LIBERTY W UNIT	MCCLOSKY	16-5N-10E	50	197	5.8	10	4	11
3433	CONTINENTAL OIL	OLNOAS WEST UNIT	MCCLOSKY	28,33-5N-10E	169	891	16.0	30	3	28
3436	CONTINENTAL OIL	SOUTH NOBLE UNIT	MCCLOSKY	29-3N-9E	211	625	16.8	18	24	47
*4107	CONTINENTAL OIL	WILSON 'B'	SPAR MTN	15-1S-8E		212		13		53
4147	CULLUM OIL CO.	ROBERTSON-BING-CREWS	AUX VASES	27,28-1S-8E	220*	1584	16.6*	83	30*	363
4106	ALVA C. DAVIS	SW VANFOSSAN U	AUX VASES OHARA MCCLOSKY	25,26,27-1N-8E	632	1094	53.5	93	215	297
4140	C. H. DOLLERHIDE	BARNARD-HOLMAN-LISTON	AUX VASES	10-1S-7E	25	295	4.4	39	12	129
*1913	DORAN OIL PROP.	BERGBOWER	MCCLOSKY	4-6N-10E		141		17		
4082	N. V. DUNCAN	CREWS-SHORT COOP	AUX VASES	33-1S-8E	*	75	*	15		
4092	N. V. DUNCAN	CREWS MIDDLE UNIT	AUX VASES	33-1S-8E	285	864	18.5	49		
4098	N. V. DUNCAN	JONES	AUX VASES	9-1S-7E	24	204	15.0	36		
*4109	F AND W OIL CO.	MILLER-LAMBRICH U	OHARA SPAR MTN MCCLOSKY	29-1N-8E		*		144		
4146	F AND W OIL CO.	MT. ERIE UNIT	AUX VASES	33,34,35-1N-8E	696	5676	83.6	798	459	1609
* 317	GULF OIL CO	S. STANFORD U	AUX VASES	2,9,16,17-2N-7E		2805		370		810
*4130	GULF OIL CO	WINONA	MCCLOSKY	12-1S-8E		25		0		300
4094	ILL. LSE. OP.	BLACKBURN	AUX VASES	3-1S-8E	16	44	1.3	4	2	7
*4141	ILL. LSE. OP.	MILL,THOMPSON,GRSN.	AUX VASES	27-2N-7E		610		36		235
4156	ILL. LSE. OP.	BEARD, BORAH,WILSON U	AUX VASES	10-1S-8E	65	652	16.4	128	18	52
4175	ILL. LSE. OP.	NE GEFF UNIT	AUX VASES	7-1S-8E	30	240	4.4	43	17	61
4197	ILL. LSE. OP.	BORAH	AUX VASES	4-1S-8E	*	15	2.8	52	10	30
4198	ILL. LSE. OP.	J. O. VUROULAS	OHARA	26-1S-7E	22	205*	1.7	41*	37	230*
4184	ILL. MID-CONT.	CREWS-SHORT COOP	AUX VASES	33,34-1S-8E	40*	91*	8.0*	23*		
4111	INO. FARM BUR.	M. OSTERMAN	OHARA	14-1S-8E	9	212	2.8	83*	2	4+
*4119	KIRBY PETROLEUM	KIRBY	AUX VASES	16,17-1N-7E		2464		360		391
*3416	MARATHON OIL CO.	NOBLE COOP U	MCCLOSKY	8-3N-9E		*		*		*
3421	MURVIN OIL CO.	WAKEFIELD POOL U	CYPRESS	24-4N-9E	280*	1990*	20.1*	385*		
300	O H AND F OIL CO	N CLAY CITY U	MCCLOSKY	5,8-3N-8E	28*	1398	2.7*	137	26*	642
* 301	PHILLIPS PET. CO	MINNIE	SPAR MTN	24-3N-7E		181		79		460
3427	BERNARD POOLSKY	COEN U	AUX VASES	36-5N-9E	12	124	4.9	13		
4087	BERNARD POOLSKY	W JEFFERSONVILLE	AUX VASES	15,16-1S-7E	123	176	3.1	6	29	31
4149	BERNARD POOLSKY	MARSHALL	AUX VASES	16-1S-8E	64	133	5.0	206	4	4
4159	BERNARD POOLSKY	NW FAIRFIELD U	OHARA	26,35-1S-7E	266	1718	12.1	135	46	317
4173	J. R. RANDOLPH	BOTHWELL	MCCLOSKY	24-2N-7E	*	43	*	17	*	37
1901	ROBINSON PROD.	NE MCCLOSKY U NO 1	MCCLOSKY	13,14,24-7N-10E	10	1357	0.9	282	10	318*
1902	ROBINSON PROD.	WILLOW HILL, SE BAR	MCCLOSKY	23,26-7N-10E	30	3296	3.2	637	30	1083*
4084	ROBINSON PROD.	WESLEY FELLER	AUX VASES	7-1N-8E	85	165	15.1	68	85	165
*4115	ROBINSON, PUCK.	N PUCKETT U	AUX VASES	9-2S-8E		966		122		
*4116	ROBINSON, PUCK.	S PUCKETT U 1	AUX VASES	16-2S-8E		4337		458		1798
347	J. W. RUDY ORLG.	EO WILSON	AUX VASES	32-3N-8E	22	178	2.5	20	2	9
363	J. W. RUDY ORLG.	CLARK LEASE	CYPRESS	20-3N-8E	14	14	1.3	1	5	5
3414	J. W. RUDY ORLG.	STIFF	MCCLOSKY	34-5N-10E	43	101	9.4	25	11	29
4088	J. W. RUDY DRLG.	FLEXTER	AUX VASES	3-1N-7E	43	302	9.8	113	22	151
326	FREO SEIP	R. S. SHATTO	MCCLOSKY	20-3N-9E	109	448	7.3	92	110	487
4117	SHAKESPEARE OIL	E. BANKER SCHOOL U	CYPRESS	22-2N-8E	66	769	4.9	216*	45	505
4118	SHAKESPEARE OIL	E. GEFF UNIT	AUX VASES	12,13-1S-7E, 7,18-1S-8E	64	9441	4.3	958	49	3792
4110	JOE SIMPKINS OIL	COVINGTON UNIT	OHARA MCCLOSKY	19,25,30,31-1S-6E, 20,28,29,32,33-1S-7E	200*	26812	10.0*	1684	200*	14274
4196	JOE SIMPKINS OIL	MEISNER UNIT	AUX VASES	3-2S-8E,33,34-1S-8E	98	2452	44.7*	195	48*	716
3428	WAYNE SMITH, OP.	ONION HILL U	AUX VASES	1,12-4N-9E, 36-5N-9E	1075	5060	17.0	143	1058	2007
4190	S. ILL. OIL PROD	SOUTH CISNE U	AUX VASES	27-1N-7E	70*	212	10.7*	36	40*	86
4081	TAMARACK PET.	CLAY UNIT	AUX VASES	9,10,15,16-1S-8E	264	264	8.5	9	8	8
*4108	TAMARACK PET.	PIERCE	SPAR MTN	22-2N-8E		1013*		86		922

Field, County / Proj. no.	Reservoir statistics (avg. value) Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Development as of 12-31-68 Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under Inj.	Injection water Source SD = Sand GR = Gravel PROD = Produced SH = Shallow Type (F) = Fresh (B) = Brine (M) = Mixed	Remarks
CENTERVILLE E, WHITE (CONTINUED)												
2850	35.0	14.4						16	16	340		
2980	18.0	14.1						15	16	330		
3080	19.6	19.6	109					18	15	350		
3225	6.0							1	2	60		
4394 2910	15.0	14.4	109	36.6	10-63			3	2	100	PRODUCED (B)	
*4267 3366	7.0			43.0	06-54	12-55		1	1	20	TAR SPRINGS (B)	*INCL PRIMARY SINCE 6-54
4376 2500	16.0	15.7	21	35.4	09-63			2	2	25	PURCHASED (B)	
*4246 2530	6.0			36.6	10-50	09-57		1	5	80	PRODUCED (B)	
CENTRAL CITY, MARION												
2623 *864	22.0			34.0	10-64			1	6	60	PRODUCED (B)	
CENTRALIA, CLINTON, MARION												
419 3950	99.9			40.0	11-66			21	32	1080	AUX VASES (B)	
403 1368	10.0			38.0	10-55			3	4	40	CYPRESS, PROD (B)	*NO DATA 1962-67 +ESTIMATED
420 2880	29.0			38.8	06-66			3	5	269	PRODUCED (B)	*ESTIMATED
412 1200	10.0		80	34.0	11-60			3	6	45	PRODUCED (B)	
404 1200	20.4	20.2	225	34.8	05-56			55	64	1450	PENN,A V,DEV SOURCE	
1350	19.6	19.6	186					75	88	1560	CYP,BEN, PROD (B)	
* 408 3950	22.0	10.0		39.8	11-51	03-53		2	12	160	DEVONIAN (B)	
CHESTERVILLE E, DOUGLAS												
801 1725	10.0	16.0	167	38.0	09-61			14	7	323	RIVER, PROD (M)	
CLAY CITY C, CLAY, JASPER, RICHLAND, WAYNE												
*1900 2645	8.0			40.0	09-53	04-60		3	3	40	GRAV, PROD (M)	
*3402 3000	5.0			38.0	07-54	04-61		1	1	20	CYPRESS (B)	
1915 2960	10.0	13.6		35.1	03-62			2	3	50	PENN SD, PROD (B)	*ESTIMATED
3419 2540	28.0	18.0	140		07-60			5	5	100	PENN SD, PROD (B)	
362 2970	10.0			36.0	12-66			1	1	20	PENN SD, PROD (B)	*EST 1968 +INCL PRIM PROD
3403 2950	11.0			38.0	05-55			2	2	225	PRODUCED (B)	
1918 2900	7.0				04-65			1	1	100	PENN SD, PROD (B)	
3433 2870	5.0	13.0	120		01-65			2	3	220	PRODUCED (B)	
3436 3005	9.0				09-66			3	9	140	PRODUCED (B)	
*4107 3160	10.0				04-55	04-63		1	2	40	CYPRESS, PROD (B)	
4147 3130	12.0			39.0	01-61			4	9	250	PENN SD, PROD (B)	*ESTIMATED
4106 2975	20.0				01-67			12	22	460	WELL, PROD (M)	
3030	6.0							4	4	160		
3075	6.0							3	3	120		
4140 3135	13.0			38.4	12-60			2	4	60	PRODUCED (B)	
*1913 2850	16.0				10-60	12-64					CYPRESS (B)	
4082					04-67							*NO DATA 1968
4092 3110	28.0				08-65			5	5	260	PENN SD, PROD (B)	
4098 3128	20.0				12-62			1	4	50	PENN SD, PROD (B)	
*4109 3060	15.0				08-50	01-63		4	4	150	CYPRESS (B)	*DUMP FLOOD, NO RECORD
3080	15.0											
3100	15.0											
4146 3000	11.0	13.0	16	40.2	10-60			21	24	720	SH SD, PROD (M)	
* 317 2975	11.8	19.8	97	38.8	05-54	12-60		9	8	125	PENN SD, PROD (B)	
*4130 3115	8.0	12.0		40.1	08-55	10-56		1	1	12	TAR SPRINGS (B)	
4094 3031	26.0				04-66			1	1	20	PENN SD (B)	
*4141 3130	12.0			32.6	03-60	10-65		3	7	160	PRODUCED (B)	
4156 3100	14.0			40.0	07-62			2	4	200	PENN SD (B)	
4175 3031	15.0	20.0	27	38.5	02-64			2	2	50	PENN SD, PROD (B)	
4197 3040	22.0				01-66			1	1	20	PRODUCED (B)	*INJ SUSPENDED 8-66
4198 3215	20.0			38.0	10-62			1	3	40	PENN SD (B)	*NO DATA BEFORE 1965
4184 3150	15.0	14.0	40		12-65			3	3	60	PENN SD (B)	*ESTIMATED 1966-68
4111 3115	8.0			37.0	04-58			1	2	80	PRODUCED (B)	*INCL PRIM PROD +NO DATA BEFORE 1966
*4119 2900	5.0	19.0		38.0	01-55	05-62		4	15	400	PENN SD, PROD (B)	
*3416 2500					08-54	10-60					PRODUCED (B)	*INCL WITH 3409
3421 2535	21.0			35.0	10-60			6	13	320	TAR SPGS (B)	*ESTIMATED 1962-68
300 3010	5.0				06-55			1	1	100	RIVER, PROD (M)	*ESTIMATED
* 301 2990	30.0	14.0	2000	38.5	07-53	05-58		1	1	20	PROD (B)	
3427 2800	6.0			36.0	05-64			1	4	50	PENN SD, PROD (B)	
4087 3120	13.0				06-67			3	6	120	SH WELL (F)	
4149 3120	20.0			38.0	11-65			3	8	120	PURCHASED (F)	
4159 3200	7.2	13.0	200	40.1	10-62			4	6	480	PENN SD (B)	
4173 2990	5.0			37.0	07-63			1	2	20	PRODUCED (B)	*NO DATA 1968
1901 2530	6.2	14.0		38.0	05-51			1	2	235	PRODUCED (B)	*ESTIMATED
1902 2580	8.2	14.0		40.0	05-53			3	5	415	SH SD, PROD (M)	*ESTIMATED
4084 2935	11.0	16.0	35	39.3	03-67			1	3	55	PRODUCED (B)	
*4115 3150	8.0	19.0	115	39.0	01-56	05-63		6	4	172	SEWAGE, PROD (M)	
*4116 3200	14.8	20.0	80	39.0	08-54	05-63		7	11	243	SEWAGE, PROD (M)	
347 2933	15.0			39.2	02-59			1	2	40	CYPRESS (B)	*ESTIMATED
363 2678	10.0				06-68			1	1	30	SURFACE PROD (M)	
3414 2935	7.0			40.0	04-66			2	2	90	CYPRESS, PROD (B)	
4088 2990	12.0	19.0	22	38.5	12-61			2	3	120	CYPRESS, PROD (B)	
326 3000	5.0	16.0	1307	39.0	01-61			1	1	40	PRODUCED (B)	*INCL PRIM PROD SINCE 1-61
4117 2639	12.5	16.5	43	34.4	01-57			2	3	60	SH SD (F)	*INCL PRIM PROD SINCE 1-57
4118 3065	15.9	19.0	85	38.7	01-57			5	4	588	SH SD, PROD (M)	
4110 3200	8.03	14.0	80	38.0	06-55			12	11	3100	PENN SD, PROD (B)	*ESTIMATED 1967-68
3250	6.0	13.0	300									
4196 3170	18.0			39.0	08-65			200	19	480	PENN SD, PROD (B)	*ESTIMATED
3428 2800	10.0	18.0	50	39.0	04-64			30	25	500	PENN SD, PROD (B)	
419C 3004	16.0			38.0	10-65			1	4	40	PENN SD, PROD (B)	*ESTIMATED 1967-68
4081 3100	9.0				03-68			5	12	220	SH GRAVEL (F)	
*4108 3016	10.0				02-54	12-61		2	2	80	PRODUCED (B)	*ESTIMATED

Field, County / Project no. * = ABO + = P.M.	Operator	Project U = Unit	Pay name	Location S - T - R	Production and injection statistics (M bbls): Water injection Total 1968	Water injection Cum. 12-31-68	Oil production Total 1968	Oil production Cum. 12-31-68	Water production Total 1968	Water production Cum. 12-31-68
CLAY CITY C, CLAY, JASPER, RICHLAND, WAYNE (CONTINUED)										
4157	TAMARACK PET.	S.W. MT. ERIE U	AUX VASES	4-1S-8E	45	450	4.7	31	18	144
*4165	TAMARACK PET.	W GEFF U	MCCLOSKY	28,33-1N-7E, 4-1S-7E		2900	*	*	*	*
*4166	TAMARACK PET.	W GEFF U	AUX VASES	28,33-1N-7E, 4-1S-7E		1436		137*		883*
*4178	TAMARACK PET.	W GEFF U	OHARA	28,33-1N-7E, 4-1S-7E		467		*		*
4191	TAMARACK PET.	CISNE UNIT	AUX VASES	3,9,10-1S-7E	242	787	55.5	98	31	75
4193	TAMARACK PET.	WILSON U	AUX VASES	23,26-2N-8E	237	1252	32.5	165	104	295
4194	TAMARACK PET.	GRAY	AUX VASES	16,21-1S-8E	144	384	12.2	43	55	108
*4132	TEXACO, INC.	E. GALLIGHER	MCCLOSKY	2-2S-7E		32		0		0
4136	TEXAS AMERICAN	BLESSING-CHRISMAN U	AUX VASES	31,32-1N-8E	27	500*	5.7	91	24	167*
4174	TEXAS AMERICAN	MOLT	AUX VASES MCCLOSKY	29-1N-8E	76*	76	4.0	4	1	1
*4144	SAM TIPPS	W GEFF U	AUX VASES	16,17,21-1S-7E		1690		105		1137
302	UNION OIL CALIF.	BANKER SCHOOL CONSLO	CYPRESS	15,21,22,28-2N-8E	331	3589	18.9	733	81	663
304	UNION OIL CALIF.	NE WOODSIDE SCHOOL	CYPRESS MCCLOSKY	16,17-2N-8E	0	0	6.1	6	34	34
335	UNION OIL CALIF.	WEILER SCHOOL CONSLO	CYPRESS MCCLOSKY	33,34-3N-8E,3,4-2N-8E	809	5562	48.7	761	478	2655
349	UNION OIL CALIF.	THOMAS SCHOOL U	CYPRESS AUX VASES MCCLOSKY	5,6,7,8,17,18-2N-8E 12-2N-7E	2446	5387	444.8	943	949	3029
358	UNION OIL CALIF.	SUNNYVILLE C *	CYPRESS BENOIST AUX VASES MCCLOSKY	27,28,29,32,33-3N-8E 4,5,6-2N-8E	0	197	35.0	88	281	793
1910	UNION OIL CALIF.	E NEWTON CONSOL	MCCLOSKY	27,34-7N-10E	174	1950	10.8	128	46	527
1911	UNION OIL CALIF.	MT. GILEAD CONSOL	MCCLOSKY	19,20,29,30-5N-10E	2555	5378	65.7	352	1584	2879
1919	UNION OIL CALIF.	N. DUNOAS U	AUX VASES MCCLOSKY	7,8,9,18-5N-10E	1834	4753	133.8	316	864	1874
1922	UNION OIL CALIF.	S BOOS U	AUX VASES MCCLOSKY SALEM	33-6N-10E, 4,5,6-5N-10E	2906	3279	249.9	357	548	773
1924	UNION OIL CALIF.	HONEY CONSOL	AUX VASES MCCLOSKY SALEM	16,17-5N-10E	271	271	20.4	20	228	228
3404	UNION OIL CALIF.	OLD NOBLE	CYPRESS MCCLOSKY	3,4,5,8,9-3N-9E 32,33-4N-9E	11084	67649	352.8	4631	11084	67649
3405	UNION OIL CALIF.	S. NOBLE CONSLO	MCCLOSKY	30,31-3N-9E, 25,36-3N-8E	96	3779	4.0	148	96	1409
*3406	UNION OIL CALIF.	SW NOBLE U	SPAR MTN	11,12-2N-8E		3810*		181		1056
3418	UNION OIL CALIF.	WAKEFIELD U	CYPRESS	13,14,22,23,24,25,26, 27-4N-9E	3354	30054	119.5	3495	2964	21782
3425	UNION OIL CALIF.	GUYOT CONSLO	CYPRESS MCCLOSKY	35,36-3N-8E,1,2-2N-8E	658	2653	32.1	228	103	401
3429	UNION OIL CALIF.	NE WAKEFIELD CONSLO	CYPRESS	13,14-4N-9E	48	204	9.6	22	3	12
3431	UNION OIL CALIF.	HOG RUN CONSLO	AUX VASES MCCLOSKY	17-3N-9E	184	657	9.6	26	27	67
3434	UNION OIL CALIF.	SUGAR CREEK UNIT	SPAR MTN MCCLOSKY	26,27-4N-9E	273	612	14.3	24	2	13
3437	UNION OIL CALIF.	S DUNOAS CONSOL	AUX VASES MCCLOSKY	30,31-5N-10E	204	204	6.0	6	26	26
3438	UNION OIL CALIF.	8-8 CONSOL	MCCLOSKY	27,28-4N-9E	16	16	1.6	2	16	16
4080	UNION OIL CALIF.	WOODSIDE SCHL C *	CYPRESS AUX VASES MCCLOSKY	24-2N-7E 19,20-2N-8E 13-2N-7E 18-2N-8E	0*	0	28.8	29	96	96
4091	UNION OIL CALIF.	CENT JORDAN SCHOOL	AUX VASES MCCLOSKY	1-1N-7E	694	694	112.7	123	192	239
4097	UNION OIL CALIF.	DEER CREEK S	CYPRESS	11,12-1S-8E	408	899*	7.1	22*	44	133*
*4099	UNION OIL CALIF.	BRADLEY U	AUX VASES	26-1N-7E	0	639	0.2	42		
4112	UNION OIL CALIF.	JORDAN SCHOOL U	AUX VASES	27,34,35-2N-7E, 3-1N-7E	1687	23263	34.3	2253	687	12581
4113	UNION OIL CALIF.	NE JORDAN SCHOOL U	AUX VASES	25,26,35,36-2N-7E	732	13607	18.4	1311	577	8312
4114	UNION OIL CALIF.	VAN FOSSAN U	MCCLOSKY	10,14,15,22,23,26,27-1N-8E	577	13047	34.1	622	577	5619
4131	UNION OIL CALIF.	SE JORDAN SCHOOL U	AUX VASES	2,11-1N-7E	1504	13218	52.4	1443	883	7126
4135	UNION OIL CALIF.	DEER CREEK UNIT	AUX VASES MCCLOSKY	1,2,10,11-1S-8E	1140	2354	203.6	231	294	361
4142	UNION OIL CALIF.	ELM RIVER U	AUX VASES MCCLOSKY	30,31-2N-8E	355	4167	29.7	446	286	1993
4143	UNION OIL CALIF.	FELLER FLOOD CONSLO	AUX VASES	5,6,7,8-1N-8E	926	8225	89.5	1422	620	4931
*4152	UNION OIL CALIF.	OREGON SCHOOL U	AUX VASES	20,21,28,29-1S-8E	43	2839	2.3	185	70	1579
4153	UNION OIL CALIF.	SE ENTERPRISE U	AUX VASES	24-1N-8E	122	962	6.8	33	95	172
4164	UNION OIL CALIF.	E. JORDAN SCHOOL C	AUX VASES MCCLOSKY	1-1N-7E,6-1N-8E, 35,36-2N-7E	4317	11678*	700.7	2000*	1875	3855*
4176	UNION OIL CALIF.	S JORDAN SCHOOL U	AUX VASES	11,12-1N-7E,7-1N-8E	1417	5760	244.5	722	390	859
4177	UNION OIL CALIF.	NE GEFF U	AUX VASES	1,11,12,13-1S-7E	1624	6072	247.1	1179	926	1878
4185	UNION OIL CALIF.	ZIF CONSLO	CYPRESS AUX VASES MCCLOSKY	4-1N-8E 33,34-2N-8E	1297	4054	298.0	572	376	1302
4186	UNION OIL CALIF.	SYCAMORE CONSLO	AUX VASES MCCLOSKY	22,23,24-2N-7E	527	1638	27.7	175	238	567
4187	UNION OIL CALIF.	SOUTH CISNE CONSLO	AUX VASES MCCLOSKY	27,34-1N-7E	530	1176	9.6	37	46	196
4188	UNION OIL CALIF.	N CISNE U	AUX VASES MCCLOSKY	22,27-1N-7E	357	930	35.5	82	158	453
4179	WATKINS DRILLING	NORTH FIRST STREET	AUX VASES	19-1S-8E	11*	324	6.0*	66	12*	163
*4180	WATKINS DRILLING	WATKINS-WHITLOCK	AUX VASES	9-1S-7E		152		45		143
4151	H. WEINERT EST.	SOUTH BOYLESTON UNIT	AUX VASES	3,4,9,10-2S-7E	326	2540	28.7	220		
4162	H. WEINERT EST.	NORTH BOYLESTON UNIT	AUX VASES MCCLOSKY	34-1S-7E, 3,4-2S-7E	1021	7387	69.1	485		
4192	M. J. WILLIAMS	O.H. GRAY	AUX VASES	21-1S-8E	29	96	0.7	4		
345	ZANETIS OIL PROP	STANFORD "A"	AUX VASES	4-2N-7E	153	235	41.4	60	52	67
1908	ZANETIS OIL PROP	P. KELLY 3	SPAR MTN	1-5N-9E	55	144	1.6	86	27	287
*1909	ZANETIS OIL PROP	C. HARVEY 2	SPAR MTN	12-5N-9E		457		2		

Field, County / Proj. no.	Reservoir statistics (avg. value) Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Development as of 12-31-68 Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Injection water Source SO = Sand GR = Gravel PROD = Produced SH = Shallow	Injection water Type (F) = Fresh (B) = Brine (M) = Mixed	Remarks
CLAY CITY C, CLAY, JASPER, R (CONTINUED),													
4157	3040	10.1	15.9	24	39.0	10-62		3	4	100	PURCHASED (B)		
*4165	3200	19.0				11-63	12-67	7	20	960	PENN SD (B)		*INCL WITH 4166
*4166	3080	8.0				12-63	12-67	6	13	250	PENN SD (B)		*INCL 4165, 4178
*4178	3170	5.4				12-63	12-66	3	5	160	PENN SD (B)		*INCL WITH 4166
4191	3100	10.0	18.0	50	34.5	11-65		4	9	180	PENN SD, PROD (B)		
4193	2960	14.0	19.0	30	39.0	01-65		8	18	280	SH GRAVEL (F)		
4194	3150	12.0			39.0	11-65		4	9	100	CYPRESS (B)		
*4132	3255	6.0			38.0	01-58	07-59	1	1	40	CYPRESS, PROD (B)		
4136	3050	18.0				04-59		1	3	50	CYPRESS (B)		*OF 1960-63 +1964-68 ONLY
4174	3010	20.0				08-64		1	3	40	PRODUCED		*ABD 1965 REACTIVATED 1968
*4144	3150	13.0	19.0	85		11-60	01-64	9	10	150	PENN SD (B)		
302	2639	15.0	18.0	65		09-56		9	7	620	PENN SD, PROD (B)		
304	2620	16.0	18.0		37.6	04-68		1	5	389			
	3000	25.0	15.0										
335	2596	17.0	15.0	24		07-61		11	6	320	PENN SD, PROD (B)		
	2957							3	5	280			
349	2650	20.0	13.0	200		07-65		26	42	1480	PENN SD, PROD (B)		
	2900	20.0						8	12	200			
	3000	27.0						6	15	700			
358	2620	16.0	18.0	24	38.5	05-65		13	33	2069	PRODUCED (B)		*INCL FORMER C WILKIN
	2880	8.0	10.0										UNIT EFFECTIVE 8-1-68
	2950	11.0	18.5										
	3000	25.0	15.0										
1910	2670	8.0	15.0	24		10-60		5	4	180	CYPRESS, PROD (B)		
1911	2750	10.0				01-66		6	13	880	PRODUCED (B)		
1919	2720	37.0	18.0	87		07-65		18	28	1250	PENN SD, PROD (B)		
	2791	31.0						13	24	1320			
1922	2720	12.0				11-66		6	15	310	PRODUCED (B)		
	2900	11.0						12	18	570			
	3400	32.0						15	16	680			
1924	2720	11.0	18.5			08-68		2	4	200	PRODUCED (B)		
	2780	25.0	15.0					3	7	200			
	3297	13.0	11.0					4	5	360			
3404	2590	15.0	15.0	24	36.8	08-54		6	49	1550	PRODUCED (B)		
	2930	10.0						11	22	1702			
3405	2975	5.0	15.0	24		07-57		4	2	448	PRODUCED (B)		
*3406	2984	6.0	15.0	75		05-57	03-66	2	3	340	CYPRESS, PROD (B)		*ESTIMATED
3418	2545	32.0	17.0	120		05-59		48	39	1640	PENN SD, PROD (B)		
3425	2620	20.0	15.0	75		12-63		7	8	500	PENN SD, PROD (B)		
	3000	20.0						5	7	400			
3429	2579	15.0	18.0	65		11-64		2	1	100	PENN SD, PROD (B)		
3431	2883	25.0	15.0	75		10-65		1	2	40	CYPRESS, PROD (B)		
	2967	7.0						2	4	160			
3434	2925	5.0				05-66		2	1	300	PENN SD, PROD (B)		
	2950	5.0						3	1	300			
3437	2776	11.0			38.5	06-68		1	1	40	SUB-SURFACE (B)		
	2838	25.0						1	3	80			
3438	2983	25.0	15.0		39.6	10-68		1	3	240	PRODUCED (B)		
4080	2620	16.0	18.0		37.0	04-68		5	12	350	PENN SD, PROD (B)		*CONSOLIDATION EFFECTIVE 4-68
	2950	11.0	18.5					5	12	360			WATER INJECTION BEGUN IN 1969
	3000	25.0	15.0					5	17	440			
4091	2930	15.0	18.0		41.5	03-68+		6	5	290			
	2990	4.0	15.0					5	6	290			
4097	2725	8.0	15.0	24	39.4	02-50		2	3	200	PENN SD, PROD (B)		*NO DATA BEFORE 1965
								3	3	240			
*4095	3013	20.0	22.0	100	39.0	05-60	09-68	3	3	60	PRODUCED (B)		
4112	2950	14.0	19.0	73		09-54		25	12	830	PENN SD, PROD (B)		
4113	2950	15.0	19.0	106		01-56		14	12	510	PENN SD, PROD (B)		
4114	3070	10.0	13.0	200		01-54		14	9	1810	PRODUCED (B)		
4131	2930	17.0	19.0	106		11-57		19	19	640	PENN SD, PROD (B)		
4135	2990	8.0				12-66		17	16	760	PENN SD, PROD (B)		
	3090	4.0						3	6	340			
4142	2910	20.0	18.0	87		09-58		5	9	210	PENN SD, PROD (B)		
	3010	10.0						3	5	40			
4143	2950	16.0	16.0	77		09-58		30	20	1044	PENN SD, PROD (B)		
*4152	3186	14.0	19.0	35		01-61	08-67	6	7	380	PENN SD, PROD (B)		
4153	2992	12.0	19.0	75		05-61		2	2	70	PENN SD, PROD (B)		
4164	2950	15.0	19.0	77		01-63		39	32	1110	PENN SD, PROD (B)		*INCL DROPPED PROJ 4096
	3030	5.0						8	8	400			
4176	2930	23.0	18.0	75		08-64		20	18	880	PENN SD, PROD (B)		
4177	3075	20.0	18.0	75		09-64		31	27	1127	PENN SD, PROD (B)		
4185	2640	15.0	18.0	75		12-64		2	1	60	PENN SD, PROD (B)		
	2945	15.0						19	20	820			
	3023	5.0						11	12	750			
4186	2930	20.0	19.0	75		11-64		9	9	440	PENN SD, PROD (B)		
	3010	20.0						2	2	100			
4187	3005	35.0	18.0	75		12-64		10	7	400	PENN SD, PROD (B)		
								2	5	200			
4188	3005	35.0	18.0	75		11-64		12	10	640	PENN SD, PROD (B)		
	3100	18.0						4	4	200			
4179	3146	7.8	18.0	75	37.5	08-58		2	1	80	POND, PROD (M)		*NO INJECTION 12-67 TO 5-15-68
*4180	3129	11.0	18.0	75	38.0	11-59	10-66	1	1	40	POND, PROD (M)		
4151	3100	16.0				04-61		4	5	100	PENN SD, PROD (B)		
4162	3094	16.0				02-62		5	8	130	PENN SD (B)		
	3240	10.0						7	18	600			
4192	3141	29.0				11-65		1	2	40	PURCHASED (F)		
345	2950	10.0			37.8	07-64		4	11	130	PRODUCED (B)		
1908	2941	5.0			41.0	11-58		1	1	40	CYPRESS, PROD (B)		
*1909	2954	6.0			40.4	11-58	10-65	1	1	40	CYPRESS, PROD (B)		

Field, County / Project no. * = ABD + = P.M.	General information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68
CLAY CITY C, CLAY, JASPER, RICHLAND, WAYNE (CONTINUED)										
*1917	ZANETIS OIL PROP	HINES-OCHS 'A' ETAL	SPAR MTN	4,9-5N-10E		77		14		27
1921	ZANETIS OIL PROP	KELLER 'A'-PAYNE HRS.	AUX VASES SPAR MTN SALEM	6-5N-10E	236	580	43.1	68	99	142
4096	ZANETIS OIL PROP	SHAW	AUX VASES	34-1S-8E	40	40	2.4	2	2	2
COIL, WAYNE										
4100	W. C. MCBRIDE	YOUNGBLOOD U	AUX VASES	19-1S-5E	175	451	70.6	126	65	84
COIL W, JEFFERSON										
*2011	GULF OIL CO	COIL W U	AUX VASES	14,15,22,23-1S-4E		1319		82*		749*
*2012	GULF OIL CO	COIL W U	MCCLOSKY	22-1S-4E		81		*		*
CONCORD C, WHITE										
4281	ASHER OIL CO	CONCORD UNIT	TAR SPRINGS	28-6S-10E	20*	1141	0.8*	249+	20*	311
*4208	C. E. BREHM	CONCORD N UNIT	AUX VASES	10-6S-10E		637		66		
*4228	GT LAKES CARBON	MCCLOSKY	SPAR MTN MCCLOSKY	28-6S-10E		233		5		44
*4309	HUMBLE O AND R	CONCORD CO-OP	TAR SPRINGS AUX VASES	28-6S-10E	21	1179	1.1	143	11	379
*4205	BARRON KIOD	KERWIN-CONCORD	MCCLOSKY	21-6S-10E		342		12		77
*4299	O. R. LEAVELL	CONCORD	TAR SPRINGS	28-6S-10E		3964		402		1910
*4331	O. R. LEAVELL	CONCORD	AUX VASES	28-6S-10E		370		55		289
4332	O. R. LEAVELL	TULEY	CYPRESS	21,22-6S-10E	*	1276	*	57	*	455
4358	O. R. LEAVELL	TULEY	AUX VASES	21-6S-10E	*	141*	*	24*	*	66*
4206	PHILLIPS PET. CO	KERWIN	CYPRESS AUX VASES SPAR MTN MCCLOSKY	21-6S-10E	213	2071	35.7	135	185	730
4207	PHILLIPS PET. CO	TULEY	CYPRESS AUX VASES MCCLOSKY	21-6S-10E	44	2341	2.0	173	12	1500
*4229	PHILLIPS PET. CO	DALLAS	SPAR MTN MCCLOSKY	28-6S-10E		247		3		42
4325	S AND M OIL CO.	N CONCORD U	HARDINSBURG	9,10-6S-10E	1363	8250	27.7	871	1090	5390
CONCORD E C, WHITE										
4233	T. W. GEORGE	PEARCE U	CYPRESS	35-6S-10E,2-7S-10E	63	123	6.5	13	24	34
COOKS MILLS C, COLES, DOUGLAS										
522	CHARLES R. GRAY	COMBES ESTATE	SPAR MTN	13,24-14N-7E	*	76*	*	1*	*	*
802	CHARLES R. GRAY	LOGAN-MOORE	SPAR MTN	13-14N-7E	*	61*	*	1*	*	*
510	KUYKENDALL ORLG.	BRADLEY WF	SPAR MTN	26,27,34,35-14N-7E	46	1914	1.4	56	66	875
* 513	KUYKENDALL ORLG.	EASTON WF	SPAR MTN	27-14N-7E	0	556	0	12	2	243
* 505	S AND M OIL CO.	COOKS MILLS UNIT	SPAR MTN.	9,15,16-13N-7E	0	3620		262		2800
508	SCHAEFER OIL CO.	COOKS MILLS U	SPAR MTN	18,19,20,30-14N-8E, 13,24,25-14N- 7E	360	2373	40.8	151	72	576
CORDES, WASHINGTON										
4010	MOBIL OIL CORP.	GILL EST., P.KOZUSZEK	BENOIST	26-3S-3W	270	915	36.3*	114*	270	919
4000	SHELL OIL CO.	CORDES COOP	BENOIST	14,15,22,23-3S-3W	1254	21604	90.0	4468	1594*	23043*
COVINGTON S, WAYNE										
*4120	GENERAL AMERICAN	HEIDINGER-VOGEL	MCCLOSKY	13-2S-6E		51		0		0
CROSSVILLE W, WHITE										
4404	CONTINENTAL OIL	CROSSVILLE WEST U	AUX VASES SPAR MTN MCCLOSKY	15,16-4S-10E	175	1199	6.4	45	67	239
DALE C, FRANKLIN, HAMILTON, SALINE										
1526	ATLANTIC RICHFLD	J.H. STELLE	AUX VASES	27-5S-6E	104	1567	17.8	110	287	1519
1543	ATLANTIC RICHFLD	FRIEL	BETHEL AUX VASES	34-5S-6E	217	3046	5.0	255	117	1582
1309	C. E. BREHM	WESTBROOK	AUX VASES	1-7S-4E 6-7S-5E	61	912	9.0	109		
1316	C. E. BREHM	WEST END	AUX VASES	19,20,30-7S-5E 25-7S-4E	960	4615	75.5	469		
1513	C. E. BREHM	CANTRELL U	AUX VASES	4,5-7S-5E	176	2959	2.5	339		244*
1534	C. E. BREHM	HOGAN U	AUX VASES	16-7S-5E	212	2255	9.9	70		276*
1544	C. E. BREHM	P.M. SMITH	AUX VASES	33-6S-5E, 4-7S-5E	280	1861	33.9	209	125*	361
*1545	C. E. BREHM	RURAL HILL S	AUX VASES	33,34-6S-5E,3,4-7S-5E	14	1371	0	10		93*
1552	C. E. BREHM	MOORE U	AUX VASES	29,30,32-6S-5E	116	737	0.5	13		104*
1553	C. E. BREHM	CROW U	AUX VASES	31-6S-5E	136	586	31.3	114		101*
1556	JOE A. OULL	DALE W WF	AUX VASES	6-7S-5E	84*	271	14.5*	28	8*	14
1564	N. V. DUNCAN	KNIGHT	AUX VASES	9-6S-6E	25*	935	2.0*	28		
*1520	FARRAR OIL CO.	TEOFORO	AUX VASES	26-5S-6E		436		138		
*1525	FARRAR OIL CO.	TEOFORO	BENOIST	26-5S-6E		62		*		*
1547	T. W. GEORGE	CANTRELL S. UNIT	AUX VASES	7,18-7S-5E	250*	3259	6.2*	512	200*	1640
*1510	GULF OIL CO	W RURAL HILL U	AUX VASES	11,14,15,22,23-6S-5E		10312		1405*		5499*
*1511	GULF OIL CO	W RURAL HILL U	OHARA	11-6S-5E		695		*		*
*1559	GULF OIL CO	M.E. PARKS 'B'	OHARA	34-6S-5E	39	179	0.7	4	9	48
*1536	DAVID F. HERLEY	WEST END	AUX VASES	9-7S-5E	140	2262	9.4	283	*	680*
1528	HUMBLE O AND R	DALE-HOODVILLE	AUX VASES	27-5S-6E	597	4137	15.4	195	268	1352
*1529	HUMBLE O AND R	DALE-HOODVILLE COOP	BETHEL	27-5S-6E		319		*		*

Field, County / Proj. no.	Reservoir statistics (avg. value) Depth (ft)	Net pay thickness (ft)	Porosity ($)	Permeability (md)	Oil gravity (°API)	Development as of 12-31-68 Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Injection water Source SD = Sand GR = Gravel PRDD = Produced SH = Shallow	Injection water Type (F) = Fresh (B) = Brine (M) = Mixed	Remarks
CLAY CITY C, CLAY, JASPER, RICHLAND, WAYNE (CONTINUED)													
*1917 2810	6.0			40.0	08-64	12-66	0	1	60	CYPRESS, PRDD (B)		
1921 2760	25.0	15.5	10	39.4	01-66		4	7	120	PENN SD, PRDD (B)		
2855	5.0						2	5	80			
3265	15.0							1	10			
4096 3118	25.0			40.2	07-68		2	4	80	PURCHASED (B)		
COIL, WAYNE												
4100 2860	13.0	21.0	120		05-66		4	4	80	PENN SD, PRDD (B)		
COIL W, JEFFERSON												
*2011 2700	10.0	19.0	160		01-61	10-63	5	4	95	PENN SD, PRDD (B)	*INCL 2012	
*2012 2880					01-61	02-63	1	2	30	PENN SD, PRDD (B)	*INCL WITH 2011	
CONCORD C, WHITE												
4281 2279	11.0			36.4	09-59		3	2	60	PRODUCED (B)	*EST +INCL PRIM PRDD SINCE 9-59	
*4208 2950	12.0	21.1	218	35.1	10-52	10-62	2	2	40	GRAVEL, PENN SD (M)		
*4228 2980	17.0			37.5	06-53	01-56	3	8	140	GRAVEL BED (F)		
3020	5.0											
*4309 2260	10.0	20.9	75	36.0	12-60	12-67	2	3	50	SH SD, PRDD (M)		
2890	11.0	20.9	75				1	1	20			
*4205 3003	16.0				01-55	01-59	1	3	30	SH SD (F)		
*4299 2260	15.0	16.0	175	37.0	08-60	07-67	8	8	160	SH SD, PRDD (M)		
*4331 2890	21.0	20.0	75	37.5	01-61	10-67	3	4	50	SH SD, PRDD (M)		
4332 2600	12.0	16.0	135	36.5	10-61		6	3	130	SH SD, PRDD (M)	*NO DATA 1967-68	
4358 2900	15.0			37.3	03-62		1	1	20	PRODUCED (B)	*1966 EST, ND DATA 1967-68	
4206 2620	12.0			37.0	07-53		1	0	20	SH SD, PRDD (M)		
2890	13.0						4	5	100			
2980	4.0						1	0	20			
3020	9.0						0	2	40			
4207 2620	21.0			37.0	07-51		0	2	20	SH SD, PRDD (M)	INJ INTD MCCLOSKY ONLY	
2900	22.0						0	3	30			
3040	5.0						1	2	100			
*4229 2960	15.0	15.0	50	36.0	08-53	11-57	1	3	40	SH SD, PRDD (M)		
3020	15.0											
4325 2500	12.0	17.5	300	39.0	11-61		9	9	313	GRAVEL, PRDD (M)		
CONCORD E C, WHITE												
4233 2550	11.0	14.3	92	36.0	12-66		2	5	70	SH GRAV, PRDD (M)		
COOKS MILLS C, COLES, DOUGLAS												
522 1778	5.0	11.3		37.0	04-63		1	3	60	SH SD (F)	*ND DATA 1965-68	
802 1777	12.0	16.0	41		04-63		2	2	40	SH SD, PRDD (M)	*ND DATA 1965-68 TEMP ABD	
510 1800	12.0	17.5	195	38.0	04-62		5	6	50	SH SD, PRDD (M)	TEMP ABD 12-1-68	
* 513 1800	12.0	17.5	195	38.0	04-62	11-68	2	1	20	SH SD, PRDD (M)		
* 505 1800	12.0	17.0	250	36.0	01-61	01-68	8	24	320	RIVER, PRDD (M)		
508 1780	10.0	13.5	160	39.0	11-61		7	12	400	PENN SD (B)	*ESTIMATED	
CORDES, WASHINGTON												
4010 1270	12.0	20.0	250	37.0	09-65		3	11	150	PRODUCED (B)	*INCL PRIM PRDD SINCE 9-65	
4000 1230	14.0	20.0	250	37.2	08-50		35	50	640	PENN SD, PRDD (B)	*1965, 1966 ESTIMATED	
COVINGTON S, WAYNE												
*4120 3316	4.0				11-57	10-59	1	1	80	CYPRESS, PRDD (B)		
CROSSVILLE W, WHITE												
4404 3010	16.0				03-65		2	5	80	PRODUCED (B)		
3190	6.0						1	1	30			
3110	4.0						1	4	140			
DALE C, FRANKLIN, HAMILTON, SALINE												
1526 3034	11.0	14.0	120		08-61		2	2	60	PALESTINE, PRDD (B)		
1543 2940	23.0	15.0	150	39.5	09-62		1	3	130	PALESTINE, PRDD (B)		
3050	16.0	17.0	100				2	3	130			
1309 3230	8.0	17.0	150	38.0	08-59		3	4	80	PENN SD, PRDD (B)		
1316 3140	20.0	17.0	150	38.0	06-63		7	36		PENN SD, PRDD (B)		
1513 3150	15.0	17.0	150	39.0	01-59		4	2	120	CYPRESS, PRDD (B)	*1966-67 DATA ONLY	
1534 3300	11.3	19.0	150	38.0	06-62		2	10	130	PENN SD, PRDD (B)	*EST 1965-67 DATA ONLY	
1544 3150	22.0	17.0	200	38.0	03-63		3	14	170	PENN SD, PRDD (B)	*ESTIMATED	
*1545 3250	22.0	17.0	200	38.0	04-63	03-68	5	9	150	PENN SD, PRDD (B)	*1965-66 DATA ONLY	
1552 3250	14.0			37.0	04-65		3	7	110	PENN SD, PRDD (B)	*THRU 1967 ONLY	
1553 3250	14.0			37.0	04-65		2	6	90	PENN SD, PRDD (B)	*THRU 1967 ONLY	
1556 3260	10.0	18.0	85	38.0	12-65		1	3	80	PENN SD, PRDD (B)	*ESTIMATED	
1564 3064	30.0				09-61		2	4	60	PRDDUCED (B)	*ESTIMATED	
*1520 3050	20.0				07-61	12-66	2	1	40	PURCHASED (B)		
*1525 2957	15.0				07-61	07-63	1	2	30	PURCHASED (B)	*INCL WITH 1520	
1547 3125	20.0	20.5	122	39.4	09-60		6	6	220	PENN SD, PRDD (B)	*ESTIMATED	
*1510 3100	21.0	19.1	96	37.0	06-59	05-64	24	21	140	CYPRESS, PRDD (B)	*INCL 1511	
*1511 3173	19.0			40.4	06-59	05-64	2	1	20	PRDDUCED (B)	*INCL WITH 1510	
*1559 3350	14.0	15.0	35	38.0	08-65	05-67	2	4	60	SH SD (F)		
*1536 3250	18.0	20.0	340	40.0	12-62	11-68	7	4	120	PENN SD, PRDD (B)	*ESTIMATED	
1528 3050	13.0	20.0	116	37.0	07-61		7	16	120	PALESTINE, PRDD (B)		
*1529 2950	11.0	14.8	117	37.0	07-61	07-64	4	2	60	PENN SD, PRDD (B)	*INCL WITH 1528	

Field, County / Project no. * = A8D + = P.M.	Operator	Project U = Unit	Pay name	Location S - T - R	Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
					Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68
DALE C, FRANKLIN, HAMILTON, SALINE (CONTINUED)										
*1501	INLAND PRDDUCERS	N RURAL HILL U	AUX VASES	5,6,7,8-6S-6E		3372		293		1536
*1523	E. H. KAUFMAN	N. RURAL HILL U	AUX VASES	11,12-6S-5E		1900		119*		1018
1524	E. H. KAUFMAN	S.E. RURAL HILL U	AUX VASES	18,19-6S-6E	199	2438	6.9	246*	199	1418
1549	E. H. KAUFMAN	SW RURAL HILL UNIT	AUX VASES	23-6S-5E	323	1592	17.8	142	172	1331
1563	KINGWODD OIL CD.	OODD-WILSDN U	CYPRESS 8ETHEL AUX VASES	6-6S-7E	1658	6701	221.6	878	863	2009
1557	MAC DIL COMPANY	8URNETT WF UNIT	AUX VASES	1-7S-5E	102	506	7.6	37	51	157
*1533	MARATHON DIL CO.	DGLES8Y-GRISWDLD	AUX VASES	17-6S-6E		211		2		16
1561	MARATHDN DIL CD.	8RILL UNIT	HARDINS8URG CYPRESS 8ETHEL AUX VASES	6-6S-7E	1693	7135	110.8	337	508	955
1565	MARATHON DIL CD.	M.C. MDDRE	AUX VASES DHARA	26,34,35-6S-5E	743	2582	50.8	93	50	113
1548	W. C. MC8RIDE	8 NEFIEL-HUNT	AUX VASES	16,21-6S-7E	441	557	44.2	119	200	358
1512	MDBIL OIL CORP.	RURAL HILL	AUX VASES DHARA	13,23,25-6S-5E	343	5060	14.6	664	374	3988
*1502	PHILLIPS PET. CD	CANTRELL U	AUX VASES	5,6,7-7S-5E		1814		161		1116
1514	SHELL DIL CD.	RURAL HILL UNIT	AUX VASES DHARA MCCLDSKY	7,11,12,13,14,18,23 24-6S-5E	3357	59677	109.4	4678	3044	38870
1537	SHELL DIL CO.	NELLIE PORTER	CYPRESS 8ETHEL AUX VASES	34-5S-6E	54 103*	54 2495*	0.2 3.4*	0 255*	3 140*	3 1820*
*1535	JOE SIMPKINS DIL	8ARKER	AUX VASES	24-6S-5E		543		74		261
*1507	STEWART PRDDUCER	8ILL JDNES	AUX VASES	8-6S-6E		171		17		4
1516	STEWART PRDDUCER	CRADDDCK-ARMES	AUX VASES	19-6S-6E	*	203	0.3	15	6	96
*1531	STEWART PRDDUCER	WILLIAMS HEIRS CDDP	AUX VASES	9,10-6S-6E	0*	272	0.1	4	0	130
*1539	STEWART PRDDUCER	FLANNIGAN U	AUX VASES	28,29-6S-5E		722		14		142
*1540	STEWART PRDDUCER	HUNGATE U	AUX VASES	28-6S-5E		506		27		116
1541	STEWART PRDDUCER	8RUMIT U	AUX VASES	6,7-6S-6E	56	147	3.1	185	20	93
1562	STEWART PRDDUCER	JDNES 2	AUX VASES	18-6S-6E	0*	291	0.4	93	16	105
*1504	TEXACO, INC.	WEST DALE UNIT	AUX VASES	11-6S-6E		6476		614		3334
*1508	TEXACO, INC.	HDOD-CAREY UNIT	AUX VASES	3-6S-6E	87	867	*	*	*	*
*1509	TEXACO, INC.	HOOD-CAREY UNIT	8ETHEL	3-6S-6E	64	1109	19.8*	250*	190*	1910*
*1538	TEXACO, INC.	VAUGHAN-8ROCKETT COOP	AUX VASES	17,18-6S-6E	11	1237	1.8	82	39	728
1560	TEXACO, INC.	DALE UNIT	TAR SPRINGS HARDINS8URG CYPRESS 8ETHEL AUX VASES	1,2,11,12,13-6S-6E,5, 6,7,8,17,18,19-6S-7E	1093 240 2053 3707 9215	2750 733 6848 13244 29182	1563.4*	5240*	11024*	24349*
1542	UNION OIL CALIF.	DALE CODP	TAR SPRINGS HARDINS8URG CYPRESS 8ETHEL AUX VASES	36-5S-6E,31-5S-7E, 6,7-6S-7E	3197	12428	321.7	1314	1089	4598
1503	PAUL ZIEGLAR	WEST END UNIT	AUX VASES	17-7S-5E 19,20-7S-5E		2281	3.7*	196		1089
DEERING CITY, FRANKLIN										
1319	TEXAS AMERICAN	PEA8ODY CDAL	AUX VASES	9-7S-3E	70	166+	11.3	67*+	33	128+
DIVIDE C, JEFFERSON										
*2002	GULF OIL CO	W.O. HOLLOWAY	MCCLOSKY	21-1S-4E		2707		185		2294
2021	TEXACO, INC.	WEST DIVIDE UNIT	MCCLOSKY	13,14,15,22,23, 26-1S-3E	2019	7640	155.5	597	2116*	5271*
2022	TEXACO, INC.	WEST DIVIDE UNIT	SPAR MTN	13,14,22,23-1S-2E	243	1545	*	*	*	*
DU8OIS C, WASHINGTON										
4007	N. A. 8ALDRIDGE	KAMINSKI	CYPRESS	7,8,17-3S-1W	*	22	*	28	*	55
4006	E. E. FLIPPIN	KLAY8OR	CYPRESS	17-3S-1W	46*	179*	4.2*	15*	40*	167*
*4003	HARRY MA8RY	PEEK	CYPRESS	20-3S-1W		68		16		5
DUDLEY, EDGAR										
900	8ARR-HOMAN-ROBSN	8A8ER LSE	PENN	9-13N-13W	32	43	29.3	37	36	48
EDIN8URG W, CHRISTIAN, SANGAMON										
103	ALVA C. DAVIS	EDIN8URG W U	SILURIAN	8,16,17-14N-3W	59	858	9.9	89	59	490
ELDORADO C, SALINE										
3612	ASHLAND O AND R	VICTOR SUTTNER C	AUX VASES	7-8S-7E	46	225	10.9	21	4	4
3614	8UFAY OIL CO	SPRICH-LORCH	WALTERS8URG	35-8S-6E	30*	137	1.0*	24		
*3603	FRANK KING	ENOICOTT U	WALTERSBURG	2-8S-7E		221		21		42
3608	W. C. MC8RIDE	WALT. ELDORADO NE U	WALTERS8URG	10,11,15-8S-7E	1530	12056	418.8	1137*	820	2671
*3609	W. C. MC8RIDE	CYP. ELDORADO NE UNIT	CYPRESS	10,15-8S-7E	40	633	2.1*	58*	6	127
3610	R. W. PORTIS	SDUTHWEST U	WALT	20,21-8S-7E	534	4423	182.3	506	375	807
3611	R. W. PORTIS	CENTRAL U	WALT	15,16,21-8S-7E	1771	9081	184.0	975	902	2284
ELDORADO E, SALINE										
*3607	G. L. REASOR OIL	PORTER	AUX VASES	23-8S-7E		373		35		41
ELLERY E, EDWARDS										
*1007	T. E. CROSLEY	ELLERY EAST UNIT	AUX VASES	27,34-2S-10E	*	1639*+	*	433*+	*	887*+
*1019	T. E. CROSLEY	ELLERY E U	OHARA	27,34-2S-10E	*	1673*	*	*+	*	*+

Field, County / Proj. no.	Reservoir statistics (avg. value) Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Development as of 12-31-68 Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Injection water Source SD = Sand GR = Gravel PROD = Produced SH = Shallow Type (F) = Fresh (B) = Brine (M) = Mixed	Remarks
OALE C, FRANKLIN, HAMILTON, SALINE (CONTINUED)												
*1501	3125	14.7	23.9		39.0	02-52	04-59	7	6	310	CYPRESS (B)	
*1523	3150	15.0			38.0	01-61	12-67	5	5	140	CYPRESS, PROD (B)	*INCL PRIM PROD SINCE 1-61
1524	3190	20.0			38.0	09-61		4	9	140	CYPRESS, PROD (B)	*INCL PRIM PROD SINCE 9-61
1549	3120	15.0			38.0	12-63		5	4	110	PENN SD, PROD (B)	
1563	2710	20.0			37.0	01-65		5	5	200	HARDINSBURG, PROD (B)	
	2875	15.0						5	5	200		
	2950	20.0						5	5	200		
1557	3215	20.0	16.0	65	38.0	03-62		1	3	40	PENN SD, PROD (B)	
*1533	3250	16.0	18.0	80		06-62	12-66	1	1	10	PENN SD, PROD (B)	
1561	2750	4.0				01-65		1	1	10	CYPRESS, PROD (B)	
	3000	20.0						4	4	130		
	3130	20.0						4	4	130		
	3210	15.0						4	4	130		
1565	3315	15.0	18.0	100		06-65		8	9	200	CYPRESS WSW, PROD (B)	
	3350	10.0	14.0	40				1	1	40		
1548	3080	15.0	17.0	78		11-63		10	13	130	PENN SD, PROD (B)	
1512	3108	17.5	19.1	97	38.0	05-59		11	11	211	PURCHASED, PROD (B)	
	3192	8.5						1	4	50		
*1502	3200	15.0	18.0	75	38.0	08-55	10-62	3	5	50	PENN, PROD (B)	
1514	3120	20.9	19.0	96	39.4	09-58		74	53	1890	HARD, CYP, PROD (B)	
	3195	10.1	15.0	73				17	27	794		
	3300	12.4	17.0	75				9	13	390		
1537	2730	12.0	18.0	50	38.3	08-62		4	3	80	PRODUCED (B)	*BETHEL, A.V. COMINGLED
	2900	20.0	16.0				09-68	4	3	80		
	3050	10.0	18.0				09-68					
*1535	3120	21.0	19.1	97	38.0	11-62	03-67	2	2	40	GRAVEL BED (F)	
*1507	3088	22.0				08-58	07-61	1	2	40	CYPRESS (B)	
1516	3120	20.0	12.0	90	37.0	09-60		1	1	30	PURCHASED (B)	*TEMP ABD
*1531	3090	20.0	12.0	90	37.0	07-61	12-65	5	5	110	MCCLOSKY (B)	*INJ TEMP SUSPENDED 2-65
*1539	3240	20.0	12.0	90	37.0	09-62	06-67	2	4	80	PENN SD, PROD (B)	
*1540	3244	20.0	12.0	90	37.0	12-62	06-67	2	4	60	PENN SD, PROD (B)	
1541	3180	20.0	12.0	90	37.0	10-59		1	4	50	CYPRESS SD, PROD (B)	
1562	3166	20.0	12.0	90	37.0	11-62		1	2	40	PURCHASED (B)	*TEMP ABD 1-1-68
*1504	3050	14.0	17.0	125	38.0	07-51	09-67	3	6	295	PENN SD, PROD (B)	
*1508	3050	26.0	19.0	109	37.0	06-58	12-68	3	3	140	HARDINSBURG, PROD (B)	*INCL WITH 1509
*1509	2950	26.0	17.5	126	37.0	06-58	12-68	3	3	140	HARDINSBURG, PROD (B)	*INCL 1508
*1538	3150	18.0	21.4	149	38.8	03-62	11-68	1	3	140	PENN SD, PROD (B)	
1560	2400	18.5	18.0	52	36.0	07-65		7	21	497	PENN SD, PROD (B)	*INCL ALL PAYS
	2475	8.5				01-65		3	4	328		
	2680	13.3	15.3	109	36.0	01-65		33	49	2399		
	2900	18.0	13.0	22	36.0	01-65		70	70	3040		
	2980	16.5	17.3	66	37.0	01-65		62	72	3192		
1542	2320	15.0	18.0	150		06-63		1	1	20	PENN SD, PROD (B)	
	2500	16.0						3	4	70		
	2700	15.0						11	14	260		
	2920	22.0						12	15	444		
	3020	25.0						8	10	200		
1503	3150	15.0	18.0	75	37.0	01-56		1	4	65	PRODUCED (B)	*ESTIMATED 1966-68
DEERING CITY, FRANKLIN												
1319	2800	15.0			38.2	07-61		1	4	50	PRODUCED (B)	*INCL PRIM PROD +NO DATA 1967
DIVIDE C, JEFFERSON												
*2002	2805	6.9	18.0		36.6	05-55	09-65	1	5	60	PRODUCED (B)	
2021	2750	13.0	13.8	1033	37.0	11-64		14	26	1245	PENN SD, PROD (B)	*INCL 2022
2022	2710	6.0	13.0	67	37.0	11-64		3	9	1245	PENN SD, PROD (B)	*INCL WITH 2021
DUBOIS C, WASHINGTON												
4007	1250	9.5				01-63		1	4	80	PRODUCED (B)	*NO DATA 1968
4006	1250	10.0			37.0	10-61		2	8	40	BENDIST, PROD (B)	*ESTIMATED 1965-68
*4003	1232	12.0			37.0	12-59	08-64	1	2	40	TAR SPR, PROD (B)	
DUDLEY, EDGAR												
900	420	18.0	20.0	30	28.3	08-67				80	PRODUCED (B)	
EDINBURG W, CHRISTIAN, SANGAMON												
103	1700	15.0			8.0	11-61		1	13	30	PRODUCED (B)	*INCL PRIM PROD SINCE 10-54
ELDORADO C, SALINE												
3612	2922	8.0			35.4	09-63		1	2	40	PENN SD (B)	S.D.4-65,REACTIVATED 7-66
3614	2050	11.0	15.0	150	38.0	09-64		1	1	10	PALESTINE SD (B)	*ESTIMATED
*3603	2090	7.0	13.0	100		04-59	10-63	1	4	60	PENN SD (B)	
3608	2200	22.0	19.0	200	38.0	08-63		15	25	300	PENN SD, PROD (B)	*SINCE 11-62
*3609	2560	12.0	18.0	80	38.0	12-62	08-68	2	3	20	PENN SD, PROD (B)	*SOME WALT OIL AFTER 2-66
3610	2130	16.0	17.0	225	38.0	05-63		6	4	100	PENN SD, PROD (B)	
3611	2150	20.0	17.0	225	38.0	05-63		13	17	220	PENN SD, PROD (B)	
ELDORADO E, SALINE												
*3607	2900	7.0			37.0	01-61	12-65	5	6	150	PALESTINE SAND (B)	
ELLERY E, EDWARDS												
*1007	3170	10.0	17.7	26		12-57	06-67	3	3	70	SH SD, PROD (M)	*NO DATA 1966-67 +INCL 1019
*1019	3240	6.0				12-57	06-67	1	3	300	SH SD (F)	*NO DATA 1966-67 +INCL WITH 1007

TABLE 11 - WATERFLOOD OPERATIONS IN ILLINOIS, 1968 - Continued

Field, County / Project no. * = ABO + = P.M.	General information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68
ELLIOTSTOWN N, EFFINGHAM										
1101	VIRGIL STREETER	N ELLIOTTSTOWN	MCCLOSKY	17,20-7N-7E	100*	201	35.2*	63	15*	25
ENFIELD, WHITE										
*4209	RICHARD ELSIE	S ENFIELD U 2	MCCLOSKY	28,29,32-5S-8E		1127		92		845
*4264	RICHARD ELSIE	S ENFIELD U 1	AUX VASES	28,29,32-5S-8E		2288		360*		519
*4292	RICHARD ELSIE	S ENFIELD U 3	OHARA	28,29,32-5S-8E		363		99*		259
EXCHANGE E, MARION										
2630	TEXAS AMERICAN	EXCHANGE EAST UNIT	SPAR MTN MCCLOSKY	29-1N-4E	58	276	14.1	35	29	66
EXCHANGE N C, MARION										
2635	EGO OIL CO	SLAPOUT WF	MCCLOSKY	7-1N-4E,12,13-1N-3E	141	141	57.6	58		
EXCHANGE W, MARION										
2628	NAPCO	CHARLETON FLOOD	SPAR MTN	4-1N-3E	66	123	12.8	61	35	68
FAIRMAN, CLINTON, MARION										
413	OMER H. OOLE	OUCOMB-KREITLER	BENOIST	13,24-3N-1W	30*	1408*	1.2*	247*	30*	1408
FLORA S, CLAY										
* 331	GENERAL AMERICAN	GIVEN-MCGREW U	MCCLOSKY	4-2N-6E		70		4*		7
FRIENDSVILLE N, WABASH										
3998	DAYTON LOEFFLER	FRIENDSVILLE NORTH U	BIEHL	12-1N-13W	59	231	12.1	92	29	50
*3945	MOBIL OIL CORP.	LITHERLAND	BIEHL	1,2-1N-13W		623		142*		282
*3953	J. W. SANDERS	FRIENDSVILLE N U	BIEHL	1-1N-13W		*		7		*
FROGTOWN N, CLINTON										
409	W. C. MCBRIDE	SCHROEDER	SILURIAN	31-3N-3W	*		2.8	3		
GERMANTOWN E, CLINTON										
+ 406	HERMAN GRAHAM	GERMANTOWN	SILURIAN	36-2N-4W, 1-1N-4W	150*	2863*	29.3*	1086*	150*	2913*
GILA, JASPER										
1916	SCHAEFER OIL CO.	GILA	SPAR MTN	28,32,33-8N-9E	420	2864	12.5	412	180	1580
GOLDENGATE C, EDWARDS, WAYNE, WHITE										
4412	AMERICAN PUMP	POLLARD UNIT	AUX VASES	21,22,27,28-3S-9E	229	1298	11.5	89	153	745
4189	M. H. CALDWELL	GOLDENGATE EAST UNIT	BETHEL	26-2S-9E	25*	65*	3.0*	15*	15*	49*
			AUX VASES		35	88				
4123	CITIES SERVICE	GOLDENGATE UNIT	AUX VASES	32,33-2S-9E	27	178	11.6	34	7	10
			OHARA		58*	1282*	9.2*	152*	46*	508*
			SPAR MTN							
*4124	CITIES SERVICE	KLETZKER U	AUX VASES	4-3S-9E		102		1		10
*4128	CITIES SERVICE	GOLDENGATE U	MCCLOSKY	28,32,33-2S-9E		926		7		281
4155	CULLUM OIL CO.	PETTIGREW-PIERCY UNIT	AUX VASES	24-2S-9E	35*	242	1.4*	12	22*	104
4154	ALVA C. DAVIS	BUNNAGE-WOODS UNIT	AUX VASES	13,24-2S-9E	89	604	4.5	89	27	86
*4145	N. V. DUNCAN	SCOTTSVILLE	BETHEL	23,26-2S-9E		751		254		
*4374	GULF OIL CO	GOLDENGATE UNIT	AUX VASES	34,35-3S-9E, 3-4S-9E		7279		656		3689
			SPAR MTN							
			MCCLOSKY							
*1027	ILL. LSE. OP.	CHALCRAFT-HORN	AUX VASES	20-1S-10E		79		14		5
4083	ILL. MID-CONT.	S ELLERY U	SPAR MTN	24,25-2S-9E	314	862	5.3	28	48	175
			MCCLOSKY	19,30-2S-10E						
4139	T. G. JENKINS	POND CREEK WF UNIT	AUX VASES	29,30,31,32-2S-9E	937	6239	26.9	484	157	1160
*4378	MARCH ORLG. CO.	GOLDENGATE	AUX VASES	3-4S-9E		109		27		107
*4138	SKILES OIL CORP.	O'DANIEL U	BETHEL	26-2S-9E		215		26		24
4148	TAMARACK PET.	W. ELLERY	AUX VASES	15,22,23,27-2S-9E	43	354	42.1*	371	157*	735
			OHARA		302	2055				
			SPAR MTN		8	257				
*4377	TEXACO, INC.	J. HANCOCK COOP	AUX VASES	21-3S-9E		680		25		275
HALF MOON, WAYNE										
4168	COLLINS BROS.	HALF MOON UNIT	MCCLOSKY	28-1S-9E	440*	3774	15.4*	143	165	1375
4160	ALVA C. DAVIS	HALF MOON U	OHARA	26,34,35-1S-9E	578	3913	123.0	377	173	1055
			MCCLOSKY							
HARCO, SALINE										
3613	LOBREE CORP.	HARCO WEST POOL UNIT	AUX VASES	29-8S-5E	132	381	9.8	24		
3600	PHILLIPS PET. CO	NOBLE A *	AUX VASES	16-8S-5E	12	264	0.8	34	6	16
HARCO E, SALINE										
*3601	SUN OIL CO.	HARCO WF UNIT	CYPRESS	25-8S-5E		84		3		37
*3602	SUN OIL CO.	HARCO WFPU	AUX VASES	24,25,26-8S-5E		334		30		112
HARRISBURG, SALINE										
*3606	W. C. MCBRIDE	HARRISBURG NORTH	WALTERSBURG	34-8S-6E	167	1597	1.5	16	12	136

Field, County / Proj. no.	Reservoir statistics (avg. value) Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Development as of 12-31-68 Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Injection water Source SD = Sand GR = Gravel PROD = Produced SH = Shallow	Injection water Type (F) = Fresh (B) = Brine (M) = Mixed	Remarks
ELLIOTSTOWN N, EFFINGHAM													
1101	2700	6.0			12-66			1	8	100	TAR SPR, PROD (B)		*ESTIMATED
ENFIELD, WHITE													
*4209	2945	4.6			36.6	10-56	03-68	2	1	80	SH SD, PRDD (M)		
*4264	2810	8.4	21.5	142	36.0	02-54	03-68	3	3	220	PRDDUCED (B)		*INCL PRIM PRDD
*4292	2874	5.0			37.5	08-56	10-65	1	1	80	PRDDUCED (B)		*INCL PRIM PROD SINCE 8-56
EXCHANGE E, MARION													
2630	2775	10.0				05-66		1	2	80	CYPRESS		
	2850	5.0						1	3	80			
EXCHANGE N C, MARION													
2635	2709	15.0	11.7	200	36.2			4	10	260	WELL (B)		
EXCHANGE W, MARION													
2628	2572	12.0				11-66		2	7	120	PRDDUCED (B)		
FAIRMAN, CLINTON, MARION													
413	1450	8.0	21.0	357	38.0	03-59		1	4	50	PRDDUCED (B)		*ESTIMATED 1964-68
FLORA S, CLAY													
* 331	2992	12.0				10-59	05-61	1	1	40	SH SD, PRDD (M)		*ESTIMATED
FRIENDSVILLE N, WABASH													
3998	1650	10.0	15.0	35	33.0	05-62		3	4	60	SH SD (F)		
*3945	1620	12.5	16.0	81	35.6	07-47	09-57	2	3	26	SH SD (F)		*INC PRIM PROD
*3953	1631	10.0			36.6	08-57	12-61	1	2	40	SH SD (F)		*DUMP FLDDD, NA
FROGTOWN N, CLINTON													
409	2240	18.0						1	2		PRDDUCED (B)		*SWD, ND INJ DATA
GERMANTOWN E, CLINTON													
+ 406	2300	60.0			39.4	09-56		2*	13*	300	PRDDUCED (B)		*ESTIMATED 1962-68
GILA, JASPER													
1916	2835	6.9	12.5	276	39.0	09-63		4	17	437	GRAVEL, PROD (M)		
GOLDENGATE C, EDWARDS, WAYNE, WHITE													
4412	3250	12.5	21.0	100	37.4	01-63		4	5	170	PENN SD, PRDD (B)		
4189	3080	10.0			39.0	07-65		1	4	60	PENN SD (B)		*1968 ESTIMATED
	3206	17.0											
4123	3200	12.0	16.0	100	38.0	09-65		3	2	40	GRAVEL BED (F)		*INCL OHARA, SPAR MTN
	3260	9.0	15.0	30	36.0	08-56		4	4	70			
	3275	6.0	15.0	30				1	2	30			
*4124	3242	10.0	15.0	10		08-56	10-58	1	2	30	CYPRESS, PRDD (B)		
*4128	3308	8.0			34.0	10-53	07-57	2	8	159	GRAVEL BED (F)		
4155	3270	11.0			39.5	11-62		2	4	60	PENN SD, PRDD (B)		*ESTIMATED 1967-68
4154	3250	14.0			39.3	05-62		5	4	90	PENN SD, PRDD (B)		
*4145	3100	9.0			39.8	01-59	01-64	8	7	130	SH SD, PRDD (M)		
*4374	3300	15.0	18.0	101	38.9	03-63	04-67	18	14	490	PENN SD, PROD (M)		
	3400	12.0	13.0	184				18	12	490			
	3458	10.0	10.0	102				18	12	490			
*1027	3222	8.0	22.3			12-62	04-65	1	3	40	PENN SD (B)		
4083	3370	7.0	12.5	55	39.5	01-66		2	4	140	PENN SD, PRDD (B)		
	3395	6.5	12.5	350				2	4	140			
4139	3220	20.0	15.0	150	38.5	05-60		9	13	600	SH SD, PROD (M)		
*4378	3310	21.0	18.5	51	39.5	05-63	12-65	1	1	20	PENN SD, PRDD (B)		
*4138	3097	10.0			37.0	01-59	06-63	2	2	40	SH SD, PRDD (M)		
4148	3230	12.0			39.5	07-61		3	3	80	SH GRAVEL (F)		
								5	6	400			
								1	1	60			
*4377	3240	15.0				01-63	12-66	2	2	40	PENN SD, PRDD (B)		
HALF MOON, WAYNE													
4168	3300	10.0			40.4	12-62		6	9	470	GRAV BED, PROD (M)		*ESTIMATED
4160	3280	10.0	11.0	124	40.0	01-62		7	12	600	SH SD (F)		
	3090	4.0											
HARCD, SALINE													
3613	2900	5.2	17.8	39	40.0	10-65		3	1	70	CYPRESS, PRDD (B)		
3600	2890	12.0	22.0	100	38.5	06-57		1	2	10	PRDDUCED (B)		*BECAME PART OF HARCD U 7-68
HARCD E, SALINE													
*3601	2550	9.0				07-59	08-61	1	2	30	PENN SD, PROD (B)		
*3602	2850	8.0				07-59	09-62	2	9	80	PENN SD, PRDD (B)		
HARRISBURG, SALINE													
*3606	2020	10.0	18.0	140	38.4	07-58	11-68	3	5	80	PENN SD, PRDD (B)		

TABLE 11 - WATERFLOOD OPERATIONS IN ILLINOIS, 1968 - Continued

Field, County / Project no. * = ABD + = P.M.	Operator	Project U = Unit	Pay name	Location S - T - R	Water injection Total 1968	Water injection Cum. 12-31-68	Oil production Total 1968	Oil production Cum. 12-31-68	Water production Total 1968	Water production Cum. 12-31-68
HERALD C, GALLATIN, WHITE										
1419	ASHLAND O AND R	SOUTH NEW HAVEN UNIT	TAR SPRINGS	29,30-7S-10E	175	1371	12.8	218	93	605
4211	ATLAS DRILLING	ACKERMAN UNIT	AUX VASES	4-7S-10E	30*	397*	1.3*	58*		
421C	C. E. BREHM	HERALD W. U.	WALTERSBURG	28,33-6S-9E	220	2015	50.3	545		312+
*4304	C. E. BREHM	NEW HAVEN U	AUX VASES	18-7S-10E		88		19		
1430	CITIES SERVICE	HERALD E U	AUX VASES	24-7S-9E	240	1050	37.5	100	45	120
1405	CONTINENTAL OIL	COTTONWOOD N U	CYPRESS	21,28-7S-9E	278	5613	15.4	1042*	140	2082
1431	CONTINENTAL OIL	COTTONWOOD TAR SPR	TAR SPRINGS	6-7S-9E	0*	179	1.3	30	5	45
4355	HUMBLE O AND R	HERALD U	CYPRESS	27,33,34-6S-9E, 4-7S-9E	537	3987	58.9	628	231	1356
*4340	IND. FARM BUR.	NEW HAVEN WF	AUX VASES	17,18-7S-10E		786		79		14*
1433	FRANK KING	GLOVER	AUX VASES	24-7S-9E	*	139	*	16	*	21
4360	KINGWOOD OIL CO.	BAYLEY U	DAGLEY CLORE TAR SPRINGS CYPRESS AUX VASES	11-7S-9E	617	3674	26.3	187	247	1753
4365	KINGWOOD OIL CO.	HERALD CDDP	AUX VASES	10-7S-9E	165	1047	6.8	105	148	544
*4359	LIVINGSTON OIL	CALVERT 'A'	AUX VASES	4-7S-10E		31		0		0
*4212	Q. B. MITCHELL	BAYLEY U	CYPRESS	2-7S-9E		491		21		35
4382	BERNARD PDDOLSKY	BAYLEY UNIT	WALTERSBURG	13-7S-9E 24-7S-9E	123	805	26.9	186	76	291
4383	BERNARD PDDOLSKY	GRANT AUX VASES UNIT	AUX VASES	13-7S-9E	33	252	9.9	20	15	65
4389	BERNARD PDDOLSKY	CLARK UNIT	AUX VASES	4,5,8,9-7S-10E	162	539	11.3	34	29	55
4348	SHAKESPEARE OIL	QUESTELL CDDP	DAGLEY	11-7S-9E	49	258	8.3	83*	13	46
*4364	TAMARACK PET.	HERALD U	PENN	34-6S-9E, 2-7S-9E		343		17		17
HICKORY HILL, MARION										
2625	NAPCO	HALFACRE	BENOIST	27-1N-4E	15	52	1.9	14	15	71
HILL E, EFFINGHAM										
*1105	WICHITA RIVER	HILL EAST UNIT	CYPRESS	11,12,13,14-6N-6E		3185		154		1100
HORD, CLAY										
351	JET OIL CO.	CONNERLY C	AUX VASES SPAR MTN	14-5N-6E	16	60	0.4	3	3	32
HORD S C, CLAY										
332	SHIRK, WEBSTER	SOUTH HORD UNIT	SPAR MTN	26,27,34,35-5N-6E	878	7877	17.2	731	636	5672
337	SHIRK, WEBSTER	ZINK UNIT	SPAR MTN	26,35-5N-6E	132	1295	12.1	62	70	328
INA, JEFFERSON										
2008	KEWANEE OIL CO.	JEFF-KARBER-THREL B	RENAULT MCCLOSKY	23-4S-2E	276 85	2271 1130	13.8	236	372	2488
INGRAHAM, CLAY										
* 320	HUMBLE O AND R	INGRAHAM U	SPAR MTN	4,9-4N-8E		2568		810		1543
INMAN E C, GALLATIN										
1436	AUTUMN OIL CO	EGLI	TAR SPRINGS CYPRESS	20,21,28,29-7S-10E	35 110	444 561	37.3	215*	101	396*
*1422	CRAWFORD PROD	BLACK	WALTERSBURG	2-8S-10E		682		115		186
*1409	FARRAR OIL CO.	E INMAN	TAR SPRINGS CYPRESS	33,34-7S-10E,2,3,10-8S-10E		24228*		3550*		
*1406	HUMBLE O AND R	BIG BARN	CYPRESS	11-8S-10E		226		83		27
1407	HUMBLE O AND R	KERWIN-CRAWFORD	OEGONIA CLORE PALESTINE WALTERSBURG TAR SPRINGS CYPRESS MCCLOSKY	11,14-8S-10E	453	11150	46.0	2020	242	4319
1408	HUMBLE O AND R	WEST UNIT	PALESTINE WALTERSBURG TAR SPRINGS HARDINSBURG CYPRESS	15-8S-10E	2519	24854	69.1	3204	719	7501
1411	HUMBLE O AND R	J A WILLIAMS	TAR SPRINGS	27-7S-10E	30	77	3.1	8	30	77
1429	HUMBLE O AND R	SOUTH INMAN UNIT	WALTERSBURG CYPRESS	21,22-8S-10E	417	2133	14.8	114	202	1072
*1420	JOE SIMPKINS OIL	HAVEN	AUX VASES	28,32-7S-10E		182		2		
*1426	E. G. WELKER	EGYPTIAN TIE, TIMBER	WALTERSBURG HARDINSBURG CYPRESS	21-8S-10E		515*		61**		149*
INMAN W C, GALLATIN										
1410	ASHLAND O AND R	RISTER-MOYE U	TAR SPRINGS CYPRESS	15-8S-9E	166	427	0.1	1*	0	8
1440	ASHLAND O AND R	WEST INMAN U*	TAR SPRINGS HARDINSBURG CYPRESS	11-8S-9E	290	429	16.8	35	41	74
1428	K. E. BUSH	HISH-STRAUB UNIT	BIEHL	21-8S-9E	*	32*	*	19*	*	42*
1415	ALVA C. DAVIS	INMAN W	TAR SPRINGS	13,24-8S-9E	38*	1337	3.1	72	47	691
1438	ALVA C. DAVIS	RIDGWAY E U	CYPRESS	14,22,23,27-8S-9E	128	372	23.3	70	48	87

Field, County / Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-68					Injection water	Remarks
	Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Date first inj.	Date abd.	No. of wells: Inj.	No. of wells: Prod.	Acres under inj.	Source: SD = Sand, GR = Gravel, PROD = Produced, SH = Shallow; Type: (F) = Fresh, (B) = Brine, (M) = Mixed	
HERALD C, GALLATIN, WHITE												
1419	2150	14.0	16.5	400	35.8	12-61		2	2	92	GRAV BED, PROD (M)	
4211	2890	23.0				02-56		1	2	30	GRAVEL BED (F)	*ESTIMATED 1965-68
4210	2325	20.0	20.0	50	37.0	01-55		7	12	200	PENN SD (B)	*INCL PRIM PROD +THRU 1967 ONLY
*4304	2900	15.0	15.0	100	38.0	02-60	12-65	3	3	80	RIVER (F)	
1430	2900	10.0	17.0	150	38.0	08-63		9	3	135	PALESTINE, PROD (B)	
1405	2650	12.0	15.0	80		12-57		6	15	400	CLORE, PROD (B)	*INCL PRIM PROD SINCE 12-57
1431	2260	15.0	12.0	30	37.8	10-63		0	1	40	CLORE, PROD (B)	*INJ TEMP SUSPENDED 4-67
4355	2675	11.4	16.2	52	38.0	06-62		20	20	420	PENN SD, PROD (B)	
*4340	2870		14.0	10	35.3	02-60	12-67	4	3	250	SH SD, PROD (M)	*EST SINCE 1-62
1433	2900	8.0	12.0	37	38.0	11-63		1	3	40	PENN SD, PROD (B)	*NO DATA 1968
4360	1550	15.0	14.0	50		01-62		1	1	20	PENN SD, PROD (B)	
	2050	15.0						3	6	90		
	2280	10.0						4	5	90		
	2630	22.0						2	2	40		
	2880	14.0						7	9	190		
4365	2900	13.0	18.2	100	37.0	05-62		3	7	70	PENN SD, PROD (B)	
*4359	2920	12.0			36.8	05-62	07-64	1	1	20	SHALLOW WELL (F)	
*4212	2715	15.0	14.9	58	39.0	09-57	08-62	2	2	60	PALESTINE (B)	
4382	2300	8.9	20.0	200	38.5	01-63		1	1	60	PAL SD, PROD (B)	
4383	2930	9.7	19.0	100	34.8	08-63		2	4	100	PAL SD, PROD (B)	
4389	2890	8.0	18.0	75	36.0	10-64		7	9	155	RIVER GRAV, PROD (M)	
4348	1425	13.0	19.0	46	33.5	01-62		1	3	59	PENN SD, PROD (B)	*INCL PRIM PROD SINCE 1-62
*4364	1550	8.0	15.1	15		01-62	12-64	3	3	120	PENN SD, PROD (B)	
HICKORY HILL, MARION												
2625	2640	10.0			36.0	10-65		1	1	20	PRODUCED (B)	
HILL E, EFFINGHAM												
*1105	2460	13.0	18.0	100	40.0	12-59	12-64	3	15	150	SH SD, PROD (M)	
HORD, CLAY												
351	2710	15.0				10-65		1	2	20	PRODUCED (B)	
	2780	10.0										
HORD S C, CLAY												
332	2790	8.6	15.0	862	36.1	09-58		3	11	340	RIVER, PROD (M)	
337	2790	5.2	15.8	835	38.0	08-62		6	3	250	RIVER, PROD (M)	
INA, JEFFERSON												
2008	2640	10.0	22.0	96	37.0	12-60		2	3	120	PENN SD, PROD (B)	
	2770	8.0	13.0	25				2	4	140		
INGRAHAM, CLAY												
* 320	3000	5.1	14.2	2450	38.0	12-56	12-60	9	17	297	PENN SD, PROD (B)	
INMAN E C, GALLATIN												
1436	2175	12.0	18.5	325	36.8	04-64		2	4	110	SH SD, PROD (M)	*INCL BOTH PAYS
	2499	21.0	16.5	212				4	4	130		
*1422	1975	15.0			37.0	01-59	12-67	1	3	50	PRODUCED (B)	*1965-67 ESTIMATED
*1409	2150	14.0	17.5	150	37.7	03-54	12-64	33*	35*	700*	GRAVEL BED (F)	*INCL 1410,1411,1423,1424,1425
	2440	10.0	16.8	50	38.0			23*	24*	500*		
*1406	2400	5.9	16.5	58	38.0	04-54	12-66	3	1	30	SH SD, PROD (M)	
1407	1700	7.5	18.0	100	37.5	06-55		2	3	50	SH SD, PROD (M)	
	1730	7.5						5	4	100		
	1830	8.5			37.2			6	8	140		
	1930	13.5			36.8			10	14	200		
	2030	17.0						17	20	340		
	2380	21.8			34.4			12	15	240		
								1	4	40		
1408	1750	10.0	19.0	200	36.5	07-56		2	2	40	GRAV BED, PROD (F,B*)	*SPLIT WATER SYSTEM
	1980	15.0			37.2			8	8	160		
	2160	18.0			36.8			5	5	100		
	2200	14.0			36.5			10	10	220		
	2380	24.0			34.4			38	36	750		
1411	2102	14.0	16.0			07-66		1	2	30	PRODUCED (B)	
1429	2000	7.0	19.6	109	36.0	11-62		8	9	170	SH SD, PROD (M)	
	2380	15.0	16.6	89				2	4	60		
*1420	2770	9.0	12.4	8	39.0	11-60	07-62	4	4	80	SH GRAV (F)	
*1426	1986	13.0			36.0	01-59	12-68	1	2	30	SH SD, PROD (M)	*NO DATA 1967-68
	2206	13.0						1	2	30		
	2419	5.0						1	2	30		
INMAN W C, GALLATIN												
1410	2180	10.0	17.0	80		06-61		2	3	50	GRAVEL BED (F)	*FIRST DATA 11-66
	2500	12.0	16.5	40				1	2	30		
1440	2185	10.0			36.0	05-65		5	9	140	SH SD (F)	*FORMERLY MAC OIL JONES ND 3
	2320	10.0						2	2	40		
	2516	10.0						10	9	190		
1428	1570	10.0	21.0	75	38.0	01-62		2	5	70	PRODUCED (B)	*NO DATA 1964-68 TEMP ABD 1-64
1415	2122	10.0			36.0	04-56		4	4	69	SH SD, PROD (M)	*INJ SUSPENDED 9-68
1438	2502	7.0			36.8	11-65		5	10	100	SHALLOW WELL (F)	

TABLE 11 - WATERFLOOD OPERATIONS IN ILLINOIS, 1968 - Continued

Field, County / Project no. * = ABO + = P.M.	Operator	Project U = Unit	Pay name	Location S - T - R	Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
					Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68
INMAN E C, GALLATIN (CONTINUED)										
1400	T. A. EERRALL	GOEBEL-MC GUIRE-RIDER	AUX VASES	19-8S-10E		*		46*		*
1401	V. R. GALLAGHER	BRADLEY UNIT	BIEHL	17-8S-9E	6	500	1.1	153	6	204
*1402	GULE OIL CO	INMAN W U	CYPRESS	15,16-8S-9E		2890*		425*		499*
*1403	GULE OIL CO	INMAN WU	TAR SPRINGS	15,16-RS-9E		*		*		*
*1404	PHILLIPS PET. CO	LEVERT	CYPRESS	3-8S-9E		8		0		0
1425	JOE SIMPKINS OIL	INMAN WEST UNIT	TAR SPRINGS	1,12-8S-9E,6,7-8S-10E	450*	922	40.1*	69	150*	294
			HARDINSBURG		185*	386	5.8*	7	20*	34
			CYPRESS		660*	1307	167.5*	277	100*	118
1427	SKELLY OIL CO.	SCHMITT 'A'	BUCHANAN	15-8S-9E	35*	2157*	2.6*	16*	8*	59*
1424	TEXAS AMERICAN	ORONE-RIDER-MINER	CYPRESS	27-8S-9E	99	224	11.1	14	16	18
1423	ZANETIS OIL PROP	SLATON	HARDINSBURG	11-8S-9E	15*	178*	2.1	16	11*	20*
			CYPRESS							
IOLA C, CLAY, EFFINGHAM										
303	GETTY OIL CO	IOLA UNIT	TAR SPRINGS	14,15-5N-5E	1243	13051	35.2	1195	706	8065
			CYPRESS							
			BETHEL							
			BENOIST							
			AUX VASES							
321	GETTY OIL CO	IOLA	CYPRESS	15-5N-5E	140	1031	5.4	139	99	838
			BENOIST							
			AUX VASES							
1112	GETTY OIL CO	BURK ROYALTY U	BETHEL	27,34-6N-5E	390	390	9.1	9	120	120
			AUX VASES							
			STE GEN							
* 357	JARVIS BROS.	LIGGETT	AUX VASES	17-5N-5E	*	201*	*	31*	*	201*
1110	KINGWOOD OIL CO.	S MASON U	BENOIST	34-6N-5E	829	980	55.4	58	131	138
			AUX VASES							
			SPAR MTN							
1111	KINGWOOD OIL CO.	KINGWOOD JARVIS U	BENOIST	26-6N-5E	925	995	72.9	73	161	163
			AUX VASES							
			SPAR MTN							
* 322	TEXACO, INC.	IOLA COOP	BENOIST	14,15-5N-5E		1589		55		*
* 323	TEXACO, INC.	IOLA COOP	AUX VASES	14,15-5N-5E		3363		85		4414*
338	TEXACO, INC.	IOLA S. U.	AUX VASES	22-5N-5E	283	2507	12.4	83	293	2188
IRVINGTON, WASHINGTON										
4004	HERMAN GRAHAM	C. KOELLING	BENOIST	15-1S-1W	20*	898*	4.7*	67*	20*	458*
4002	MARK MAZZARINO	KASTEN U	CYPRESS	9-1S-1W	48	413	8.0	115	48	402
4009	W. C. MCBRIDE	BROWN UNIT	CYPRESS	23-1S-1W	113	466	28.0	70	116	332
			BENOIST							
IUKA, MARION										
2613	TEXACO, INC.	IUKA	MCCLOSKY	10,15-2N-4E	*	*	8.3	50	33	253
JOHNSON N, CLARK										
207	ACME CASING	N JOHNSON	CLAYPOOL	10,11,15-9N-14W	1500*	16974*	23.0*	982*	1400*	12168*
			CASEY							
			PARTLOW							
* 204	E. A. BRIDGE OIL	BLOCK 'A'	CASEY	2-9N-14W		5731*		247*		2713*
* 205	E. A. BRIDGE OIL	BLOCK 'B'	CASEY	35,36-10N-14W		1118*		59*		338
* 211	E. A. OLOETELO	V. JONES	CASEY	1,3-9N-14W		75		1		2
203	C. E. SKILES	N JOHNSON WE	CASEY	2-9N-14W	523	2777	29.7	799	162	769
* 208	TIDEWATER OIL CO	CLARK COUNTY 1	CASEY	2-9N-14W		2418		160		1572
JOHNSON S, CLARK										
210	ACME CASING	JOHNSON EXT 1, 2	CLAYPOOL	22,23,26,27-9N-14W	600*	25269*	10.0*	838*	500*	8977*
			CASEY							
			PARTLOW							
212	ACME CASING	M E LARRISON	U PARTLOW	22,27-9N-14W	*	4424	*	163	*	3585
213	ACME CASING	WEAVER-BENNETT	U PARTLOW	27-9N-14W	*	11359	*	528	*	9879
209	FOREST OIL CO.	SOUTH JOHNSON (E-12)	U PARTLOW	27,34,35-9N-14W	2780	64666	27.7	1559		
JOHNSONVILLE C, WAYNE										
4195	KINGWOOD OIL CO.	TALBERT UNIT	AUX VASES	32-1N-6E	207	841	12.8	65	75	277
4163	CHRIS PEARSON	LANE-WEAVER	OHARA	9-1S-6E	288*	567	30.8*	52	288*	565
4089	TEXACO, INC.	SIMS UNIT	AUX VASES	21,22,27,28,32,33,34-1S-6E	1788	2100	151.3*	166*	341*	361*
			MCCLOSKY		2048	2485				
4121	TEXACO, INC.	JOHNSONVILLE U	AUX VASES	21,26,27,28,33,34, 35-1N-6E 3,4-1S-6E	2339	25492	157.7	3309	1867	17940
4122	TEXACO, INC.	JOHNSONVILLE U.	MCCLOSKY	3,4-1S-6E,21,26,27, 28,33,34,35-1N-6E	3437	57801	142.1	4173	3108	32514
4167	TEXAS AMERICAN	E. JOHNSONVILLE UNIT	AUX VASES	25,36-1N-6E,1-1S-6E	909	7074	100.4	706	631	3537
			MCCLOSKY							
*4134	UNION OIL CALIF.	CRISP UNIT	AUX VASES	7,8,17,18-1S-6E	128	8732	3.4	1192	126	4466
JOHNSONVILLE S, WAYNE										
4172	ASHLAND O AND R	W GEEE UNIT	AUX VASES	11,14-1S-6E	488	2872	13.4	210	224	862
JOHNSONVILLE W, WAYNE										
4169	JOE A. OULL	W JOHNSONVILLE UNIT	MCCLOSKY	2-1S-5E,35,36-1N-5E	360*	1831	30.0	159	38*	267
4161	KIRBY PETROLEUM	W JOHNSONVILLE	AUX VASES	14,23-1N-5E	300*	1834	18.0*	350	240*	880
JOHNSTON CITY E, WILLIAMSON										
4501	MUTUAL O AND G	JOHNSTON CITY E U	CYPRESS	15,16-8S-3E	247	493	101.0	130		
			AUX VASES							

Field, County / Proj. no.	Reservoir statistics (avg. value) Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Development as of 12-31-68 Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Injection water Source SO = Sand GR = Gravel PROD = Produced SH = Shallow Type (F) = Fresh (B) = Brine (M) = Mixed	Remarks
INMAN E C, GALLATIN (CONTINUED)												
1400	2740	20.0				07-58		1	5	10	UNKNOWN	*EST, NO DATA SINCE 1961
1401	1726	8.0	15.0	72	36.9	10-57		1	1	180	*PRODUCED (B)	
*1402	2500	16.5	13.5	40	38.6	05-55	12-63	10	7	110	PENN SD, PROD (B)	*INCL 1403
*1403	2180	11.0	13.0		36.1	03-57	03-63	3	7	90	PENN SD, PROD (B)	*INCL WITH 1402
*1404	2560	6.0	18.0	100	35.0	05-57	06-59	1	1	20	PRODUCED (B)	
1425	2150	15.0			36.0	09-66		11	7	200	GRAVEL BED (F)	*ESTIMATED
	2290	10.0			37.0			9	6	160		
	2475	15.0			37.0			14	13	300		
1427	1666	8.0				06-60		1	4	60	SH SD, PROD (M)	*ESTIMATED 1967-68
1424	2500	8.0				06-66		4	5	110	PENN SD, PROD (B)	
1423	2336	12.0				01-62		1	2	30	TAR SPRINGS (B)	*ESTIMATED, OF
	2510	15.0						1	2	30		
IOLA C, CLAY, EFFINGHAM												
303	1874	8.0			32.2	01-55		1	1	20	PENN SD, PROD (B)	
	2125	10.5	20.0	100				1	2	40		
	2250	17.3	16.0	40				6	5	120		
	2280	20.0	16.0	40				12	14	260		
	2330	20.0	14.7	80				13	15	280		
321	2150	15.0	15.7	70	37.5	06-58		1	2	30	PRODUCED (B)	
	2280	16.0						2	3	50		
	2320	16.0						2	3	50		
1112	2290	40.4	17.3	50	37.5	02-68		5	6	120	PENN SD (B)	
	2350	19.6	16.5	15				3	5	90		
	2440	6.0	16.0					2	3	80		
* 357	2800	10.0			35.4	01-58	07-66	1	3	60	PRODUCED (B)	SWD NON-PAY ZONE
1110	2280	25.0				10-67		6	14	190	PENN SD (B)	
	2350	16.0						6	18	270		
	2424	5.0						4	12	160		
1111	2280	25.0				12-67		10	3	200	PENN SD, PROD (B)	
	2350	16.0						11	11	280		
	2424	5.0						4	6	100		
* 322	2290	9.5	15.7	80	36.0	06-58	01-68	1	2	110	PRODUCED (B)	*INCL WITH 323
* 323	2350	13.3	15.7	80	36.0	06-58	01-68	1	1	190	PRODUCED (B)	*INCL 322
338	2340	8.5	15.1	65	36.0	09-62		8	4	210	PENN SD, PROD (B)	
IRVINGTON, WASHINGTON												
4004	1531	10.8	19.0	278	37.2	02-59		2	9	110	PRODUCED (B)	*ESTIMATED 1966-68
4002	1400	20.0			35.0	11-57		2	4	80	PRODUCED (B)	
4009	1425	15.0	20.0	300	37.4	09-64		1	5	20	PRODUCED (B)	
	1540	12.0	18.0	65						20		
IUKA, MARION												
2613	2750	10.0			39.0	08-60		2	4	270	CYPRESS, PROD. (B)	*DUMP FLOOD, UNKNOWN
JOHNSON N, CLARK												
207	460	19.0	19.0	330		03-55		51	71	223	GRAV, PROD (M)	*ESTIMATED 1967-68
	530	14.0										
	595	24.0										
* 204	450	20.0	20.8	399	33.9	04-49	01-63	27	13	125	SH SD, PROD (M)	*NO DATA 1958-1963
* 205	480	2.0	18.3	66	33.0	05-51	12-63	18	12	80	SH SD, PROD (M)	*NO DATA FROM 5-57 TO A8D
* 211	440	19.0	19.8	252	35.4	09-51	02-54	3	2	15	SH SAND (F)	
203	475	20.0	20.0	231	32.2	11-53		18	22	240	GRAV, PROD (M)	
* 208	425	26.1	20.6	415	33.9	02-50	12-59	19	20	81	SH SD, PROD (M)	
JOHNSON S, CLARK												
210	420	15.0	21.0	294		03-55		30	33	479	GRAV, PROD (M)	*ESTIMATED 1967-68
	465	20.0										
	500	30.0										
212	507	33.0	18.0	277		03-55		2	2	80	GRAV, PROD (M)	*NO DATA 1968
213	467	35.0	19.0	285		03-55		6	7	280	GRAV, PROD (M)	*NO DATA 1968
209	490	48.0	16.6	319	30.5	03-49		56	62	504	GRAV, PROD (M)	
JOHNSONVILLE C, WAYNE												
4195	3120	13.0	20.7	230	37.0	01-65		4	5	110	PENN SD, PROD (B)	
4163	3124	6.0	14.2	2454	38.6	06-62		1	5	50	PRODUCED (B)	*ESTIMATED
4089	3045	25.0	16.7	118	38.0	07-67		17	24	1960	PRODUCED (B)	*INCL BOTH PAYS
	3175	17.0	11.0	377	38.0			19	21	1960		
4121	3000	7.5	19.1	187	37.0	10-56		40	52	3230	PENN SD, PROD (B)	
4122	3100	10.0	15.5		37.0	11-54		7	26	3230	CYPRESS, PROD (B)	
4167	3070	17.0	19.0	90	39.2	08-62		10	11	440	CYPRESS, PROD (B)	
	3200	10.0	14.0	100				9	9	380		
*4134	3019	17.0	19.0	80		11-57	05-68	9	6	360	PENN SD, PROD (B)	*INCL PRIM PROD SINCE 2-58
JOHNSONVILLE S, WAYNE												
4172	3050	11.0	20.3	82	39.0	05-63		12	11	480	PENN SD (B)	
JOHNSONVILLE W, WAYNE												
4169	3072	11.0	13.5	200	37.0	10-63		2	4	150	PENN SD, PROD (B)	*ESTIMATED
4161	2900	12.0	19.0	92	39.0	05-62		5	5	170	PENN SD, PROD (B)	*ESTIMATED 1967-68
JOHNSTON CITY E, WILLIAMSON												
4501	2300	20.0	14.8	80		02-67		4	5	90	CYPRESS SD (B)	
	2580	6.0	12.2	14				2	5	70		

TABLE 11 - WATERFLOOD OPERATIONS IN ILLINOIS, 1968 - Continued

Field, County / Project no. * = A8D + = P.M.	General information: Operator	Project U = Unit	Pay name	Location S - T - R	Production and injection statistics (M bbls): Water injection Total 1968	Water injection Cum. 12-31-68	Oil production Total 1968	Oil production Cum. 12-31-68	Water production Total 1968	Water production Cum. 12-31-68
JUNCTION, GALLATIN										
1412	ESTELLE PRICE	JUNCTION UNIT	WALTERS8URG	16,17,2D,21-9S-9E	*	2357*	*	303*		
JUNCTION E, GALLATIN										
1441	W. C. MC8RIDE	CRANE U	WALTERS8URG	36-8S-9E,1-9S-9E	94	94	4.8	5	8	8
KEENSBURG S, WABASH										
3991	CONTINENTAL OIL	EEARHEILEY-THOM-UTLEY	MANSFIELD	10-3S-13W	691	1588	42.8	197	217	823
3867	ALVA C. OAVIS	GARST-ECKLER	CYPRESS	34,35-2S-13W	182	534	15.8	68	50	108
*3915	VICKERY ORLG.	A P GARST	CYPRESS	27-2S-13W		297		27		60*
KEENVILLE, WAYNE										
*4125	N. A. 8ALDRIDGE	KEENVILLE UNIT	MCCLOSKY	27,28,33,34-1S-5E		2137		232		1570
*4126	WALTER DUNCAN	KEENVILLE U		28,29-1S-5E		1971		343		660
KENNER, CLAY										
* 305	TEXACO, INC.	KENNER U	8ENOIST	25,36-3N-5E, 30,31-3N-6E		4349		374		1722
* 330	TEXACO, INC.	KENNER U	AUX VASES	25,36-3N-5E, 30,31-3N-6E		5363		117		1270
353	TROOP DRILLING	CHASTEEN	8ENOIST RENAULT AUX VASES	36-3N-5E	6*	45	0.9	8	6	45
KENNER N, CLAY										
* 324	IND. FARM 8UR.	THEO8ALD	8ENOIST	17-3N-6E		21		53		47
KENNER W, CLAY										
* 306	PHILLIPS PET. CO	W KENNER U	CYPRESS 8ENOIST AUX VASES	23-3N-5E	94	16531	4.4	535	94	4799
KING, JEFFERSON										
*2016	N. A. 8ALORIDGE	E8ER-GOFF	AUX VASES	22-3S-3E		81*		1		81
2025	SHAKESPEARE OIL	MACE UNIT	AUX VASES	33-3S-3E	23	61	8.2	71*	24	62
2017	TAMARACK PET.	RANDOLPH	AUX VASES	27,34-3S-3E	150*	582	18.0*	141	150*	561
2013	TEXACO, INC.	BAKER-8UMPUS-SMITH	AUX VASES	33,34-3S-3E	66	1820	4.0	58	27	362
LANCASTER, LAWRENCE, WABASH										
3954	HAYES-WOLFE 8ROS	LANCASTER UNIT	8ETHEL	4,9-1N-13W 33-2N-13W	562	3648	129.8	1048	189	284*
3881	MOBIL OIL CORP.	SHARP WOOD	8ETHEL	4-1N-13W	95	543	14.5	121	24	40
LANCASTER S, WABASH										
3916	H AND H CIL CC	LANCASTER SOUTH	8ETHEL	21-1N-13W	36	385	8.5	89	1	82
LAWRENCE, LAWRENCE, CRAWFORD										
*2250	ACME CASING	S SUMNER UNIT	8ETHEL	14,23,24-3N-13W		1191		186		285
2215	ASHLAND O ANO R	8OLLES-WRIGHT UNIT	8ETHEL	7,8,17-4N-12W	218	489	8.1	16	16	46
2242	8ALOWIN, 8ALOWIN	O'OONNELL	CYPRESS	17-3N-12W	*	1665*	*	148*	*	414*
2268	FRANCIS 8EARO	JENNER	8ETHEL	36-3N-12W	135*	705*	+	+	+	+
2269	FRANCIS 8EARO	JENNER	CYPRESS	36-3N-12W	425	2073*	29.1*+	218*+	370*+	1265*+
*2200	CALVAN AMERICAN	PIPER	CYPRESS	2,11-4N-13W		146		6		
*2229	CALVAN AMERICAN	WALLER	CYPRESS	5,6-2N-11W		828		12		144*
2208	CHARLES E. CARR	CRUMP '40'	CYPRESS	19-4N-12W	68*	1832	4.7*	266	220*	2798
2209	CHARLES E. CARR	CRUMP UNIT	CYPRESS	31-4N-12W	114*	1717	5.0*	146	88*	789
2234	CHARLES E. CARR	L GILLESPIE	8ETHEL	26,35-3N-12W	40*	1498	+	+	+	+
2235	CHARLES E. CARR	L GILLESPIE	CYPRESS	26,35-3N-12W	550*	7845	+	+	+	+
2236	CHARLES E. CARR	L GILLESPIE	8RIDGEPORT	26,35-3N-12W	500*	8182	20.0*+	758+	440*+	6139+
2241	CHARLES E. CARR	FYFFE	CYPRESS	6-3N-12W,1-3N-13W	250*	5441	6.5*	432	120*	1538
2245	CHARLES E. CARR	S GILLESPIE	CYPRESS	26-3N-12W	75*	666	18.5*+	128+	35*+	71+
2246	CHARLES E. CARR	S GILLESPIE	8ETHEL	26-3N-12W	65*	463	+	+	+	+
2253	CHARLES E. CARR	FYFFE '39'	CYPRESS	31-4N-12W	108*	1584	3.1*	190	130*	1250
2262	CHARLES E. CARR	FYFFE U	CYPRESS	36-4N-13W	220	2051	3.5	175	140	1277
2207	OELTA OIL CORP.	GRAY AREA	JACKSON 8ETHEL 8ENOIST	13,14-4N-13W	360*	6867	12.1*	682	315*	4475
*2205	WALTER OUNCAN	L.C. OAVIO	SAMPLE	8-3N-11W		56		0		8
*2206	T. W. GEORGE	KLONOIKE WF	8ENOIST	25,26,35,36-5N-13W		9990		1098		3338*
*2280	GULF OIL CO	H E GRIGGS	CYPRESS 8ENOIST	18-3N-12W		245		6		2
2270	HARRIS ORLG	GRAY FEE WF	CYPRESS 8ETHEL	1-2N-12W	204	1002	21.6	70	48	129
2276	HARRIS ORLG	WITHERS-PELHAM-STATE	CYPRESS 8ETHEL	36-3N-12W	265	1848	16.8	231	180	772
2211	GAIL HEATH	STOLTZ	8RIOGEPORT	32-4N-12W	325*	5172	+	+	+	+
2212	GAIL HEATH	STOLTZ	CYPRESS	32-4N-12W	525*	6282	11.5*+	1008+	540*+	6126+
2240	D. S. HUDDLESTON	VANOERMARK-ALBRECHT	8RIDGEPORT CYPRESS	34-3N-12W	285	1637	44.9	215	184	907*
2224	ILLINOIS OIL CO.	FINLEY U	CYPRESS 8ETHEL	25-3N-12W	171	268	10.4	15	157	193
2225	ILLINOIS OIL CO.	GEE-IRWIN U	CYPRESS 8ETHEL MCCLOSKY	26-3N-12W	70	131	9.7	15	58	85
2226	ILLINOIS OIL CO.	DINING HEIRS	CYPRESS	36-3N-12W	52	157	3.6	12	47	117

Field, County / Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-68					Injection water	Remarks
	Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Date first inj.	Date abd.	No. of wells: Inj.	No. of wells: Prod.	Acres under inj.	Source: SD = Sand, GR = Gravel; Type: (F) = Fresh, (B) = Brine; PROD = Produced, SH = Shallow; (M) = Mixed	
JUNCTION, GALLATIN												
1412 1720	14.0	16.0	22	36.0	05-51			5	6	110	SH SD (F)	*EST 1965-66, NO DATA 1967-68
JUNCTION E, GALLATIN												
1441 2000	15.0	17.0	50		03-68			2	1	30	PENN SD, PROD (M)	
KEENSBURG S, WABASH												
3991 1181	13.0	15.0	42	32.5	12-62			5	10	130	SH SD, PROD (M)	
3867 2398	12.0			37.8	10-64			4	4	90	SH SD, PROD (M)	
*3915 2403	15.0	20.6	134	37.5	11-54	12-59		1	1	60	SH GRAV (F)	*ESTIMATED
KEENVILLE, WAYNE												
*4125 3100	9.0			40.0	11-56	03-66		3	12	220	SH SD, PROD (M)	
*4126 2950	13.0	20.0	155	39.0	04-54	11-61		3	9	120	SH SD (F)	
KENNER, CLAY												
* 305 2700	14.0	15.6	54	36.0	06-59	12-65		23	24	480	PENN SD, PROD (B)	
* 330 2800	21.0	17.0		36.0	06-59	10-67		1	8	270	PRODUCED (B)	
353 2719	29.0			35.8	08-63			1	1	20	PRODUCED (B)	*INJ DISCONTINUED 7-1-68
2774	18.0							1	1	20		
2831	13.0							1	1	20		
KENNER N, CLAY												
* 324 2750	10.0	17.0	40	36.0	10-58	12-63		1	3	30	PRODUCED (B)	*ESTIMATED
KENNER W, CLAY												
* 306 2600	13.0			37.5	02-52	06-68		2	8	280	PRODUCED (B)	
2720	14.0							1	9	200		
2800	16.0							0	5	70		
KING, JEFFERSON												
*2016 2700	7.0				01-63	11-68		1	3	40	PRODUCED (B)	*WATER INJ INEFFECTIVE
2025 2708	10.0	12.0	16		11-64			1	7	80	PRODUCED (B)	*INCL PRIM PROD SINCE 11-64
2017 2700	20.0				06-64			3	5	80	CYPRESS, PROD (B)	*ESTIMATED 1967-68
2013 2735	11.0			37.0	05-61			2	2	160	PRODUCED (B)	
LANCASTER, LAWRENCE, WABASH												
3954 2500	16.0			34.0	12-58			21	34	500	SURF PONDS, PROD (M)	*ESTIMATED
3881 2540	21.0	17.0	65	37.5	07-64			2	3	40	PRODUCED (B)	
LANCASTER S, WABASH												
3916 2520	10.0			36.0	01-55			2	2	40	PRODUCED (B)	
LAWRENCE, LAWRENCE, CRAWFORD												
*2250 2040	10.0	17.2	36	35.0	12-59	01-66		8	9	297	SH SD, PROD (B)	
2215 1680	10.0	15.0	20	38.0	07-66			4	11	120	PURCHASED (F)	
2242 1500	28.0	16.7	15	38.0	04-59			9	7	160	BUCHANAN, PROD (B)	*NO DATA 1964-68
2268 1655	10.0	15.0	20		11-62			11	10	100	GRAV, PROD (M)	*1968 DATA EST +INCL WITH 2269
2269 1540	25.0	15.0	30		11-62			11	10	100	GRAV, PROD (M)	*1968 DATA EST +INCL 2268
*2200 1520	25.0	20.8	33	38.6	12-53	06-56		4	2	60	SH SD (F)	
*2229 1535	50.0	18.5	70	39.5	03-53	11-55		8	8	160	SH GRAVEL (F)	*ESTIMATED
2208 1280	25.0	20.0	50		04-56			4	4	40	PENN SD, PROD (B)	*TWO MOS DATA EST
2209 1420	22.0	20.0	80		12-56			5	4	40	PENN SD, PROD (B)	*TWO MOS DATA EST
2234 1660	10.0	16.5	25	37.0	11-58			17	10	100	GRAV, PROD (M)	*ESTIMATED +INCL WITH 2236
2235 1550	28.0	17.0	35	37.0	11-58			17	10	100	GRAV, PROD (M)	*ESTIMATED +INCL WITH 2236
2236 990	30.0	19.3	200	37.0	11-58			16	10	100	GRAV BED, PROD (M)	*ESTIMATED +INCL 2234,2235
2241 1580	35.0	18.0	100	35.0	07-59			10	4	45	BUCHANAN SD, PROD (B)	*ESTIMATED
2245 1550	28.0	17.0	35	39.0	10-60			8	6	50	RIVER, PROD (M)	*ESTIMATED +INCL 2246
2246 1660	10.0	16.5	25	39.0	10-60			8	6	50	RIVER, PROD (M)	*ESTIMATED +INCL WITH 2245
2253 1420	20.0	20.0	80		12-56			3	4	40	PENN SD, PROD (B)	*TWO MOS DATA EST
2262 1650	25.0	18.0	130		12-60			8	4	80	PENN SD, PROD (B)	
2207 1412	8.0	13.5	9		05-53			10	10	200	BRIDGEPORT, PROD (B)	*ESTIMATED
1577	11.0	21.0	40					10	10	200		
1622	16.0	18.5	46					8	7	150		
*2205 1600	6.0				08-56	09-58		1	1	20	RIVER GRAVEL (F)	
*2206 1625	18.0	17.2	80	37.8	06-52	12-60		44	36	750	SH SD, PROD (M)	*ESTIMATED
*2280 1586	16.0	16.7	21	38.0	04-63	12-67		1	1	10	PRODUCED (B)	
1746	12.0	16.0	27					1	1	10		
2270 1545	25.0			37.0	07-61			3	5	60	SH SD, PROD (M)	
1670	10.0							3	5	60		
2276 1564	20.0	16.9	41	38.5	02-63			8	8	80	SH SD, PROD (M)	
1690	12.0	15.0	17							80		
2211 860	25.0	22.3	15	37.0	01-55			10	8	25	GRAV, PROD (M)	*ESTIMATED +INCL WITH 2212
2212 1400	18.5	17.3	18	37.0	01-55			4	8	25	GRAV, PROD (M)	*ESTIMATED +INCL 2211
2240 988	24.0	21.0	398	29.5	08-58			2	5	70	LAKE, PROD (M)	*ESTIMATED
1648	15.0			39.8				1	3	40		
2224 1600	12.0	17.0	50	36.0	01-67			2	8	23	SH WELL (F)	
1700	8.0	15.0	35									
2225 1530	20.0	18.0	100	36.0	02-67			1	1	20	PRODUCED (B)	
1630	15.0	16.0	50					1		20		
1780	10.0	15.0								20		
2226 1550	12.0	18.0	100		12-65			1	2	5	PRODUCED (B)	

TABLE 11 - WATERFLOOD OPERATIONS IN ILLINOIS, 1968 - Continued

Field, County / Project no. (* = ABO, + = P.M.)	Operator	Project (U = Unit)	Pay name	Location (S - T - R)	Water injection, Total 1968	Water injection, Cum. 12-31-68	Oil production, Total 1968	Oil production, Cum. 12-31-68	Water production, Total 1968	Water production, Cum. 12-31-68
LAWRENCE, LAWRENCE, CRAWFORD (CONTINUED)										
2227	ILLINOIS OIL CO.	MCCROSKEY HRS	BETHEL CYPRESS BETHEL	25-3N-12W	53	131	12.9	37	61	109
2277	ILLINOIS OIL CO.	BUNKER HILL U	BRIDGEPORT BETHEL	12-2N-12W	133 200	583 805	9.3 13.0	50 32	47 23	268 112
2281	JENNY LEE OIL CO	CALVERT-MUSGRAVE	BRIDGEPORT	3-3N-12W	*	7*	*	0*	*	*
2213	MARATHON OIL CO.	17 PROJECTS*	JACKSON CYPRESS BETHEL BENOIST	T3,4N-R12,13W	25864	213131	3229.9	36939	21955	129770
2214	MARATHON OIL CO.	8 PROJECTS *	BRIDGEPORT	T 3,4N R 12,13W	7646	134752	392.4	12666	7117	103870
2216	MARATHON OIL CO.	4 PROJECTS *	MCCLOSKY	T 3,4N R 12,13W	3467	36744	240.8	3717	2417	25709
2279	MARATHON OIL CO.	RIDGLEY 41-P	RIDGLEY	26,34,35-3N-12W	703	1626	168.9	537	467	850
*2204	W. C. MCBRIDE	APPLEGATE	JACKSON CYPRESS MCCLOSKY	7-4N-12W, 12-4N-13W		4468		228		3476
2210	W. C. MCBRIDE	NEAL	JACKSON CYPRESS SAMPLE	29-4N-12W	402	4659	31.1	636	335	2796
2219	W. C. MCBRIDE	ROGERS	CYPRESS BETHEL	14-3N-12W	129	519	26.3	114	120	244
*2249	W. C. MCBRIDE	HINKLE	MCCLOSKY	26-3N-12W		175		24		223
2251	W. C. MCBRIDE	COMBS	CYPRESS BETHEL	20-4N-12W	17*	677*	3.6	60	19	387
2252	W. C. MCBRIDE	BOWER-ROSS	CYPRESS	29-4N-12W	201	2066	7.1	202	193	1506
2254	W. C. MCBRIDE	DALRYMPLE	JACKSON CYPRESS SAMPLE BETHEL	29-4N-12W	264	3287	10.8	454	234	1929
2285	W. C. MCBRIDE	HINKLE	CYPRESS SAMPLE	26-3N-12W	177	991	47.9	309	184	408
2237	JOE MCGUIRE	STOLTZ HEIRS	JACKSON CYPRESS BETHEL	25-4N-13W	89	1147	23.3	283	44	257
*2243	OILFIELD ORLG.	BELL UNIT	CYPRESS	1-3N-13W		2429*		172*		998*
2244	OILFIELD ORLG.	BRIDGEPORT UNIT	CYPRESS	6-3N-12W	300*	5810*	12.5*	1108*	300*	3942*
2273	BERNARD POOLSKY	LOEB AND MCPHERSON	CYPRESS BETHEL	14,15,22-3N-12W	214	2149	27.3	255	182	828
2274	BERNARD POOLSKY	GILLESPIE AND CALVERT	CYPRESS	15,22-3N-12W	88	955	4.3	68	18	195
2275	BERNARD POOLSKY	BURNS, GRIGGS, ZELLARS	BRIDGEPORT CYPRESS	8-3N-12W	322	9574	10.4	551	295	3748
*2230	REE, INC.	SNYDER	CYPRESS	30-3N-11W		16		1		69
2222	HUBERT ROSE	LEIGHTY	CYPRESS	32-3N-11W	*	73	*	1		
*2217	SHAKESPEARE OIL	S B PORT U C MILLER C	BETHEL	20,29,30-3N-12W		4902		536		2057
2202	WAYNE SMITH, OP.	C M PERKINS	BRIDGEPORT CYPRESS	32-4N-12W	632*	15107*	16.0*	782*	188*	4113*
2220	WAYNE SMITH, OP.	BUCHANAN	CYPRESS BETHEL BENOIST	7-3N-12W	833*	1294*	55.2*	117*	10	10
2221	WAYNE SMITH, OP.	OSCAR LEIGHTY	CYPRESS	31-3N-11W	163	353	7.2	18	155	316
2233	WAYNE SMITH, OP.	PEPPLE	CYPRESS BETHEL	30-4N-12W	549*	8760*	22.0*	958*	524*	3274*
2238	WAYNE SMITH, OP.	L M SEEO	CYPRESS	21-3N-12W	210	385	0.2	0		
2256	WAYNE SMITH, OP.	BREEN	CYPRESS BETHEL	24,25-4N-13W	184	2383	3.0*	175*	44*	901*
2259	WAYNE SMITH, OP.	WHITTAKER AREA	CYPRESS BETHEL	2,10,11-3N-12W	683*	9231*	71.0*	1168*	431*	2937*
2260	WAYNE SMITH, OP.	E J SEEO	JACKSON CYPRESS	15,16,22-3N-12W	186*	396*	1.5*	33*		
2265	WAYNE SMITH, OP.	PIPER-ORDLL AREA	JACKSON CYPRESS	1,2-4N-13W, 36-5N-13W	1026	8566	69.0*	1087*	424*	2086*
2272	WAYNE SMITH, OP.	HAYWARD AREA	CYPRESS BETHEL	25,26-3N-12W	526	1426	100.7	462	426	901
*2286	WAYNE SMITH, OP.	BUCHANAN AREA	BRIDGEPORT	2-2N-12W		190		1		2
2289	WAYNE SMITH, OP.	W.F. GOULD UNIT	CYPRESS	31-3N-12W	383*	868	0.6*	3	383*	480
2239	ZANETIS OIL PROP	WAYNE HEIRS	AUX VASES MCCLOSKY	28-3N-11W	54	131	2.3	19	54	131
*2264	ZANETIS OIL PROP	CASSIL	CYPRESS	36-4N-13W		62		57		197
2282	ZANETIS OIL PROP	CARLSON	CYPRESS BETHEL MCCLOSKY	15-3N-12W	300	1378	51.2	183	146	421
2283	ZANETIS OIL PROP	HUDSON WF	CYPRESS	18-3N-11W	96	264	10.5	26	97	243
3860	ZANETIS OIL PROP	HAWE	CYPRESS	15-1N-12W	11	11	1.4	1	11	11
LEXINGTON, WABASH										
3858	SO. TRIANGLE CO.	LEXINGTON U	MCCLOSKY	26-1S-14W	66	66	1.4	1	0	0
LILLYVILLE, CUMBERLAND, EFFINGHAM										
704	IND. FARM BUR.	KROGMAN	MCCLOSKY	31-9N-7E	75	694	12.0	67	32	59*
LIVINGSTON, MADISON										
*2500	WILLIAM H. KROHN	KROGER	PENN	17-6N-6W		67		3		
2501	M. W. MCCONNELL	C. AND O. HENKE UNIT	PENN	17,20-6N-6W	*	104	*	25	*	
2502	CHARLES P. WOOD	KROEGER	PENN	17-6N-6W		37*		3*		
LIVINGSTON S, MADISON										
2507	M. J. WILLIAMS	BLOM-FLOWLER-RUEHRUP	PENN	27-6N-6W	86	427	7.8	46		

Field, County / Proj. no.	Reservoir statistics (avg. value) Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Development as of 12-31-68 Date first inj.	Date abd.	No. of wells Inj.	Prod.	Acres under inj.	Injection water Source SD = Sand GR = Gravel PROD = Produced SH = Shallow	Type (F) = Fresh (B) = Brine (M) = Mixed	Remarks
LAWRENCE, LAWRENCE, CRAWFORD (CONTINUED)													
	1650	10.0	16.0	70				1	2	5			
2227	1600	15.0	18.0	75	36.0	01-66		1	2	10	PRODUCED (B)		
	1725	10.0	15.0	50				1	2	10			
2277	975	10.0	19.0	350	35.0	02-64		1	2	40	SH SD (F)		
	1775	8.0	14.0	25	38.0			4	7	100			
2281	1019	15.0				06-62		1	2	30	SH SD, GRAVEL (F)		*NO DATA 1965-68
2213	1375					01-52		160+	150+	1600+	PROD, FRESH WSW (M)		*JUOY,WESTALL,KING,SUTTON,KIMMEL BDYD,MIDOAGH,NEWELL,MDDRE,THORN GOULD,SEED,GRAY,RYAN,LEIGHTY, JENNER,TANQUARY +ESTIMATED
	1430	10.0						560+	550+	5600+			
	1530	10.0						220+	220+	2400+			
	1600	8.0						30+	30+	300+			
2214	800	30.0			35.6	08-48		206	249	1976	GRAV, PROD (M)		*ROBINS,JOHNSON,BALTZELL,LEWIS, CLARK,COOPER,FINLEY,GEE
2216	1700	20.0		1500		11-56		51	56	1637	GRAV, PROD (M)		*APPLEGATE,WILLIAMS,GILLESPIE, VANDERMARK
2279	1230	16.0	17.0	400		08-64		25	23	547	GRAV, PROD (M)		
*2204	1240	10.0	19.0	80	34.7	09-52	12-67	15	16	180	GRAV, PROD (M)		
	1350	15.0	17.0	30				8	8	60			
	1635	3.0	23.0	40				10	10	40			
2210	1330	6.0	18.0	40		06-56		8	8	80	PENN SD, PROD (B)		
	1390	23.0	19.0	20				8	8	80			
	1470	18.0	17.0	20				2	1	30			
2219	1530	12.0	16.0	30		08-66		4	6	50	PENN SD, PROD (B)		
	1620	10.0	15.0	20				4	5	40			
*2249	1775	15.0	20.0	175		08-59	01-66	1	4	40	PENN SD, PROD (B)		
2251	1450	20.0	18.0	50		03-59		4	6	60	PENN SD, PROD (B)		*INJ SUSPENDED 8-67 TO 8-68
	1630	10.0	12.0	10			07-66	2	2	20			
2252	1320	20.0	19.0	120		08-58		4	4	40	PENN SD, PROD (B)		
2254	1450	10.0	19.0	80		03-68		1	1	10	PENN SD, PROD (B)		
	1500	20.0	19.0	80		09-59		3	3	70			
	1575	10.0	16.0	30		09-59		3	5	70			
	1650	13.0	15.0	25		09-59		8	6	70			
2285	1550	17.0	18.0	50		11-63		5	8	80	PENN SD, PROD (B)		
	1660	12.0	15.0	20				5	7	80			
2237	1460	6.0	20.0	85	38.0	07-58		1	2	30	PENN SD, PROD (B)		DATA 1-59 TO 1-61 AND 1-62 TO 10-65 EST
	1550	14.0						3	8	130			
	1680	20.0						1	1	20			
*2243	1650	20.0	18.0	80	38.0	06-59	03-66	2	1	80	PENN SD, PROD (B)		*1966 DATA ESTIMATED
2244	1575	25.0	18.0	80	38.0	06-59		9	10	150	PENN SD, PROD (B)		*ESTIMATED 1966-68
2273	1535	15.0	18.5	40	30.0	12-62		7	8	180	BUCHANAN, PROD (B)		
	1650	10.0	18.0	15				6	5	120			
2274	1590	14.0	18.5	40	30.0	11-62		4	5	100	BUCHANAN, PROD (B)		
2275	850	20.0	21.0	131	30.9	11-56		4	6	50	BUCHANAN, PROD (B)		
	1440	20.0						5	7	60			
*2230	1580	25.0	21.2	125	38.6	10-52	01-55	1	2	10	TAR SPR, PROD (B)		
2222	1610	9.0			36.0	02-66		1	2	30	PENN SD, PROD (B)		*NO DATA 1968
*2217	1800	12.1	17.1	70	38.0	10-56	12-66	20	18	313	TAR SPRINGS (B)		
2202	900	14.0	18.0	125	36.0	02-55		19	10	100	BUCHANAN SD, PROD (B)		*INCL DROPPED PROJ 2203
	1350	20.0	18.0	100				19	10				
2220	1570	28.0	17.9	64	37.0	12-65		9	5	80	GRAVEL BED (F)		*ALL PAYS
	1670	9.0	15.9	37						80			
	1730	9.0	12.5	2						80			
2221	1650	15.0	16.5	50	39.0	01-66		4	7	60	RIVER GRAV, PROD (M)		
2233	1400	30.0	18.0	75	37.0	06-57		21	17	130	BUCHANAN SD, PROD (B)		*INCL ORDPPED PROJ 2257
	1650	20.0	14.0	10	39.2			6	7	50			
2238	1630	22.0	74.0	18	33.0	03-67		3	1	20	SH SD (F)		
2256	1530	20.0	16.0	47	37.0	05-60		6	5	70	BUCHANAN SD, PROD (B)		*INCL ORDPPED PROJ 2255
	1675	20.0	12.0	5	37.0			6	5	70			
2259	1520	20.0	18.0	35	37.0	11-60		26	26	650	RIVER, PROD (M)		*INCL DROPPED PROJ 2258
	1630	15.0	15.0	10				26	26	650			
2260	1500	5.0				02-61		3	2	40	SH SD (F)		*INCL DROPPED PROJ 2261
	1590	16.0						1	2	30			
2265	1310	12.0	18.0	30	38.0	12-61		22	24	500	RIVER, PROD (M)		*INCL DROPPED PROJ 2266
	1400	10.0	18.0	35	38.0			21	23	480			
2272	1575	25.0	16.0	20	39.5	12-63		6	16	120	BRIDGEPORT, PROD (B)		
	1650	14.0						6	16	120			
*2286	950	40.0	19.0	100	31.0	07-63	02-66	2	2	40	SH SD (F)		
2289	1590	20.0	19.0	75	30.0	09-65		8	8	180	PENN SD, PROD (B)		*NO DATA 1967
2239	1838	8.0	20.0	2	38.5	03-65		1	3	50	PRDOUCED (B)		
	1919	5.0	15.0	23				1	3	50			
*2264	1640	19.0			38.6	09-62	12-66	1	3	40	SH SD, PROD (M)		
2282	1516	31.0	16.0	14	36.7	07-64		9	9	180	PRDOUCED (B)		
	1622	22.0						1	2	40			
	1770	5.0	15.0	2				2	4	100			
2283	1597	18.0	20.8	121	36.1	05-64		2	5	40	PRODUCED (B)		
3860	2039	7.0			36.2	06-68		1	2	30	PRODUCED (B)		
LEXINGTON, WABASH													
3858	2850	9.0	14.0	600	39.0	05-68		1	1	50	SH SD (F)		
LILLYVILLE, CUMBERLAND, EFFINGHAM													
704	2450	8.0			35.0	05-57		2	3	40	PROD (B)		*1965-67 DATA ONLY
LIVINGSTON, MADISON													
*2500	520	15.0			33.5	07-54	12-57	2	5	80	BENOIST, A.V. SDS (B)		
2501	525	22.0	16.0		36.0	05-52		10	10	80	SALEM, PROD (B)		*NO DATA SINCE 1960
2502	520	20.0			37.0	05-59		1	3	160	AUX VASES (B)		*NO DATA SINCE 1962
LIVINGSTON S, MADISON													
2507	545	35.0	22.8	1421	35.0	10-63		5	7	150	SH SD (F)		

Field, County / Project no. (* = ABO, + = P.M.)	Operator	Project (U = Unit)	Pay name	Location (S - T - R)	Production and injection statistics (M bbls): Water injection, Total 1968	Water injection, Cum. 12-31-68	Oil production, Total 1968	Oil production, Cum. 12-31-68	Water production, Total 1968	Water production, Cum. 12-31-68
LOCUST GROVE, WAYNE										
4085	ZANETIS OIL PROP	OAUBS B	AUX VASES	31-1N-9E	27	76	3.2	4		
LOUDEN, EFFINGHAM, FAYETTE										
*1201	W. L. BELDEN	HINTON U	CYPRESS	32-7N-3E		100		11		
1202	W. L. BELDEN	UNIT 25	CYPRESS	24,25-8N-3E	496	4183	10.7	524*	496	4183
1215	RAY BROWN	KOBERLIEN	CYPRESS	30-7N-3E	*	1828	*	488	*	620
1203	O. L. BURTSCHI	O.L. BURTSCHI U	CYPRESS	18-7N-3E	40	560*	13.4	165*	40	
1205	DORAN OIL PROP.	STEWART AND DIAL	CYPRESS	6-7N-3E	65	766	4.6	106	30	98*
1242	DORAN OIL PROP.	LAURA LOGUE	CYPRESS	18-7N-3E	27	62	14.3	50	27	62
1206	GENERAL AMERICAN	DEVORE COOP	CYPRESS	1-7N-2E	142	925	15.1	317	142	803
1244	A. L. HERMANN	LILLY	CYPRESS BETHEL BENOIST	16-8N-3E	388	1800	152.9	540	288	769
1225	L. B. HOSS	EMERSON	CYPRESS	31-8N-3E	3*	15	1.3*	6	3*	96
1235	L. B. HOSS	H. LOGUE	CYPRESS BETHEL	18-7N-3E	72*	517	2.0*	24	72*	183
1241	L. B. HOSS	ARNOLD-MORRISON	CYPRESS	19-7N-3E	135*	1184	42.5*	251	135*	957
1238	L. B. HOSS	RHODES	CYPRESS	18-7N-3E	70*	199	18.5*	100	80*	282
1239	L. B. HOSS	BUZZARD	CYPRESS	3-7N-3E	*	*	1.0+	199+	*	1850+
1232	HUGHES PROD.	HOPPER-TOWNSEND-MCLRY	CYPRESS	12-7N-2E	134	1699*	22.5	522*	252	1683*
1204	HUMBLE O AND R	LOUDEN	CYPRESS BETHEL BENOIST AUX VASES	T 7,8,9N-R 2,3,4E	48118	555270	4930.4	109995	34369	239290
+1223	HUMBLE O AND R	LOUDON DEVONIAN	DEVONIAN	2,10,11,15,20,21,22,27,28,29,32,33-8N-3E		207361		19241		184970
1207	JARVIS BROS.	HOMAN	CYPRESS	29,31,32-7N-3E	160*	16268	12.5*	1918	350*	11176
1208	JARVIS BROS.	YAKEY	CYPRESS BETHEL	6-7N-3E	30*	2765	3.2*	281	20*	1764
1230	JARVIS BROS.	SINCLAIR	CYPRESS BETHEL	29-8N-3E	335*	2868	25.6*	613	425*	2461
1243	JARVIS BROS.	WELKER	CYPRESS	31-7N-3E	30*	1015	25.4*	517	165*	2362
1209	BARRON KIDD	B. F. OWENS	CYPRESS	9-7N-3E	44	757	4.0	212	69	1038*
1210	KINGWOOD OIL CO.	YOLTON	CYPRESS	12-7N-2E,7-7N-3E	194	2059	21.6	626	160	1223
1211	KINGWOOD OIL CO.	YOLTON	BETHEL	12-7N-2E,7-7N-3E	19	326	1.2	26	3	69
1228	KINGWOOD OIL CO.	SMITH	CYPRESS	13-7N-2E	128	1028	10.8	180	103	591
1234	KINGWOOD OIL CO.	WELKER	CYPRESS	13-7N-2E	*	115	0	2	4	20
1236	M-S-C- CORP	O.L. BURTSCHI	CYPRESS BETHEL	18-7N-3E	48	1416	13.0	190	62	917
1237	M-S-C- CORP	SEFTON	CYPRESS	1,12-7N-2E	59	838	9.4	220	80	592
1214	MABEE PET. CORP.	HOMAN	CYPRESS	29-7N-3E	150*	3347	10.1*	529	125*	3262
1247	BOYD C. MARQUAND	KIMBRELL	CYPRESS	19-7N-3E	75*	995*	2.5*	103*	70*	670*
1217	W. C. MCBRIDE	STOKES-WEILER	CYPRESS	14-8N-3E	140	2070	8.5	402	108	703
1233	W. C. MCBRIDE	SAPP	CYPRESS	18-7N-3E	178	785	15.6	129	58	189
1216	MOBIL OIL CORP.	RHODES-WATSON	CYPRESS BETHEL BENOIST	27,33,34-8N-3E	349	3970	33.9	978*	274	2418
1224	MOBIL OIL CORP.	LOUDEN	CYPRESS BETHEL BENOIST	5-7N-3E, 32-8N-3E	1563	17446	117.2	4469*	1158	7879
1227	MOBIL OIL CORP.	BUZZARD BROS.	CYPRESS BETHEL	29-8N-3E	150	1061	15.9	156*	122	796
*1212	SHULMAN BROTHERS	LOUDEN EXTENSION	CYPRESS	34,35,36-8N-3E,2,3-7N-3E	689	35840	14.0*	3208*	713	23587
1229	TEXACO, INC.	LOUDEN SOUTH UNIT	CYPRESS	6-6N-3E,31-7N-3E	2245	7513	67.5	496	1730	11780
1108	TROOP DRILLING	LOUDEN EXTENSION	CYPRESS	19-8N-4E	49	390	8.0	71	18	79
1200	TROOP DRILLING	RHODES, MCCLOY	CYPRESS BETHEL BENOIST	26,27,34-8N-3E	225	4523	9.6	653	225	2466
1218	TROOP DRILLING	N. LOUDEN U	CYPRESS	20,21-7N-3E	654	17601	10.6	1586	711	12199
1219	TROOP DRILLING	S. LOUDEN U	CYPRESS	21,28,29-7N-3E	469	14302	21.0	2105	576	10568
1220	TROOP DRILLING	OURBIN, FORCE AREA	CYPRESS	24,26-8N-3E	111	1769	8.7	303*	111	486
1221	TROOP DRILLING	HIATT	CYPRESS	29-7N-3E	128	2116	4.2	461	128	2004
1231	TROOP DRILLING	W A EAGLETON	CYPRESS	20-8N-3E	0	41	5.4	51	15	56
1213	HAROLD M. WISLEY	E.C. SMITH	CYPRESS	20-7N-3E	300	3069	10.8	786	130	1724
MCKINLEY, WASHINGTON										
4011	JET OIL CO.	FREIMAN-HUNLETH	BENOIST	29-3S-4W	25	151	0.7	1	25	151
MAIN C, CRAWFORD, LAWRENCE, JASPER										
* 667	H. J. ADAMS	H.J.ADAMS W F	ROBINSON	28-8N-12W		1058				
* 602	ASHLAND O AND R	BIROS 1	ROBINSON	9,10,15,16-5N-11W		19507		536		
* 603	ASHLAND O AND R	BIROS 2	ROBINSON	20-5N-11W		2512		114		605
604	BELL BROTHERS	BARRICK	ROBINSON	13-7N-13W	96	1961	3.3	135	48	815
695	C. W. BROOKS	MULLINS	ROBINSON	9-5N-12W		15*		8*		11*
589	CLARENCE CATT	SPARKS WF NO. 1-M	BENOIST	13-16N-12W	108	231	3.6	9	74	117
616	CLARENCE CATT	MC CALL	ROBINSON	1-6N-13W	*	6		1		6
643	CLARENCE CATT	EAGLETON UNIT	SAMPLE BETHEL	1-5N-13W	155	155	1.0	1	9	9
609	E. CONSTANTIN	J.S. KIRK	ROBINSON	29,30,31,32-7N-12W	*	977	*	57	*	
610	E. CONSTANTIN	SMITH	ROBINSON	7-7N-12W, 12-7N-13W		337*		1*		1*
* 607	CREST ASSOCIATES	MITCHELL	ROBINSON	24,25-7N-13W		935*		107*		125*
615	CREST ASSOCIATES	PORTERVILLE	ROBINSON	25,36-8N-13W		1345*		44*		
598	ALVA C. DAVIS	HUDSON WF	BETHEL	6-5N-12W	64	311	2.9	9	23	48
606	FOREST OIL CO.	GROGAN (FLOOD 26)	ROBINSON	4,5,8-7N-13W	215	5032	36.7	351		
611	FOREST OIL CO.	OBLONG (FLOOD 25)	ROBINSON	5,8,9-7N-13W	355	7821	13.3	585		
669	FOREST OIL CO.	OBLONG (FLOOD 27)	ROBINSON	8-7N-13W	70	1110	8.1	147		
670	FOREST OIL CO.	STIFLE	ROBINSON	8-7N-13W	108	2644	1.7	46		
691	FOREST OIL CO.	OBLONG (FLOOD 29)	ROBINSON	17-7N-13W	4	104	6.1	49		
612	O. W. FRANCHOT	BIROS	ROBINSON	14,15,16,21,22-5N-11W	2451	47489	32.5	1469		

Field, County / Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-68					Injection water		Remarks
	Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Date first inj.	Date abd.	No. of wells: Inj.	No. of wells: Prod.	Acres under inj.	Source: SO = Sand, GR = Gravel, PROO = Produced, SH = Shallow	Type: (F) = Fresh, (B) = Brine, (M) = Mixed	
LOCUST GRDVE, WAYNE													
4085 3180	10.0			39.8	08-66			1	1	20	CYPRESS (B)		
LOUDEN, EFFINGHAM, FAYETTE													
*1201 1584	20.0	17.4	126	34.0	09-56	01-63		1	1	20	PRDDUCED (B)		
1202 1530	15.0			34.0	10-57			8	12	240	TAR SPR, PRDO (B)		*INCL PRIM PROO
1215 1590	30.0				D5-57			3	4	80	TAR SPR, PRDD (B)		*NO DATA 1968
1203 1475	30.0				08-56			1	1	20	PURCHASED (B)		*ESTIMATED SINCE 1-65
1205 1522	20.0	19.0	90	38.0	07-57			3	3	40	TAR SPR, PRDO (B)		*SINCE 1-64
1242 1550	15.0			35.0	08-63			1	2	35	PRODUCED (B)		
1206 1454	10.0	18.0	43	37.0	07-57			1	6	10D	PRDDUCED (B)		
1244 1475	22.D			35.5	08-64			6	5	118	TAR SPRINGS (B)		
1555	22.5							6	5	118			
1610	27.5							3	2	50			
1225 1500	12.0	19.0		37.0	01-59			1	1	10	PRODUCED (B)		*ESTIMATED 1967-68
1235 1475	26.0	19.0		37.0	11-61			1	1	10	PURCHASED (B)		*1967-68 ESTIMATED
1580	15.0	19.0											
1241 1490	68.0	20.0		38.0	11-58			1	9	50	PURCHASED (B)		*ESTIMATED
1248 1530	20.0	19.0		38.0	01-65			1	4	40	TAR SPR, PROO (B)		*ESTIMATED 1967-68
1249 1550	30.0	19.0	150+	38.0	06-6D			1	3	40	TAR SPR, PROO (B)		*N.A. +ESTIMATED 1967-68
1232 1505	25.0			36.0	08-57			5	7	100	TAR SPR, PROO (B)		*DPERATOR AOJ
1204 1500	18.5	19.5	102	38.0	10-50			680	680	14700	TAR SPR, PROD (B)		
1580	11.6	18.3	85					360	400	7770			
1620	15.4	19.1	109					260	280	5890			
1660	14.1							25	25	541			
+1223 31D0	18.0	14.4	41	29.0	09-43	12-66*		7	42	260D	PRODUCED 18)		*CONVERTED TO GAS STORAGE RESERVOIR
1207 1562	37.0	18.0	2D0		03-54			4	6	320	PRODUCED (B)		*ESTIMATED
1208 1400	18.0				11-57			2	1	70	TAR SPR, PRDO (B)		*ESTIMATED
1540	27.0							2	1	70			
1230 1446	25.0				08-60			4	4	80	PRODUCED (B)		*ESTIMATED
1528	25.0							4	4	80			
1243 1530	40.D				11-56			2	4	80	TAR SPR, PROO (B)		*ESTIMATED
1209 1450	27.0			38.0	09-54			1	3	40	TAR SPR, PRDD (B)		*ESTIMATED 1964-65
1210 1504	3D.0				08-57			4	4	85	TAR SPR, PRDO (B)		
1211 1540	29.0				07-57			1	1	40	TAR SPR, PRDD (B)		
1228 1504	25.0				01-58			2	2	40	TAR SPR, PROO (B)		
1234 1558	11.0				05-62			1	1	10	TAR SPR, PRDO (B)		*INJ SUSPENDED DURING 1968
1236 1550	15.0			39.0	D9-53			4	8	60	TAR SPR, PROO (B)		
1580	12.0							4	7	60			
1237 1560	20.0			39.0	08-57			2	3	50	TAR SPR, PROO (B)		
1214 1595	28.0			36.0	08-55			3	2	80	TAR SPR, PRDD (B)		*ESTIMATED
1247 1534	22.0				01-59			2	8	100	TAR SPR, PRDO (B)		*ESTIMATED 1966-68
1217 1480	25.0	19.4	93		03-56			3	3	60	TAR SPR, PRDO (B)		
1233 1400	30.0	19.0	95		11-62			4	2	40	TAR SPR, PROO (B)		
1216 1500	12.0	18.6	91	37.5	06-57			7	5	120	TAR SPR, PROD (B)		*INCL PRIM PRDO SINCE 6-57
1560	11.0							2	4	60			
1580	12.0							4	5	90			
1224 145D	18.0	18.4	101	37.D	01-58			12	12	240	TAR SPR, PRDD (B)		*INCL PRIM PROO SINCE 1-58
1525	20.0							12	12	240			
1550	40.0							12	12	240			
1227 1400	20.0	18.4	102	38.3	10-58			2	2	40	TAR SPR, PRDO (B)		*INCL PRIM PROO SINCE 1D-58
1420	20.0							2	2	4D			
*1212 1530	30.0	20.0	200	36.0	12-55	12-68		17	18	416	TAR SPR, PRDD (B)		*INCL PRIM PRDO SINCE 12-55
1229 1600	25.0	18.5		37.0	05-6D			18	23	632	PRDDUCED (B)		
1108 1550	8.0			36.7	01-63			4	12	200	TAR SPR, PRDO (B)		
1200 1515	12.0			37.5	01-54			1	1	20	PRDDUCED (B)		
1570	12.0							4	4	80			
1590	10.0							6	6	120			
1218 1550	21.0	21.0	180	37.5	11-56			13	11	25D	TAR SPR, PRDO (B)		
1219 1550	18.4	20.4	164	37.5	03-55			11	13	350	PRDDUCED (B)		
1220 1493	30.0			37.5	10-56			3	5	160	PRDDUCED (B)		*INCL PRIM PROO SINCE 10-56
1221 1536	40.0	19.0*	250*	37.2	09-56			2	3	40	PRDDUCED (B)		*ESTIMATED
1231 1520	6.0			39.4	04-61			1	2	40	TAR SPR, PRDO (B)		*SINCE 1-65
1213 1400	20.0	21.0	150	38.0	07-57			4	6	100	TAR SPR, PROD (B)		*ESTIMATED
MCKINLEY, WASHINGTON													
4011 1050	10.D				04-65			2	2	20	PRDDUCED (B)		
MAIN C, CRAWFORD, LAWRENCE, JASPER													
* 667 1000	22.D	18.5	98		01-58	12-58		5	4	80	LAKE, PRODUCED (M)		
* 6D2 950	30.0	21.0	136	31.0	05-54	D1-64		67	53	530	PENN SAND (B)		
* 603 930	25.0	21.0	125	30.8	03-57	01-66		11	9	200	GRAV, PROD (M)		
6D4 960	56.D	19.2	126	34.9	10-54			3	6	4D	PENN SD, PRDD (B)		
695 925	10.D	2D.0	10D	33.4	12-62			2	6	1D0	PENN SD (B)		*NO DATA SINCE 1963
589 135D	7.D				D2-64			1	1	2D	PRDDUCED (B)		
616 82D	18.D			32.D	D5-66			1	3	40	PRDDUCED (B)		*INJ SUSPENDED 12-67
643 1257	19.D	17.6		33.D	D1-68			4	3	80			
1323	15.D	16.0						4	3	8D			
6D9 9D0	20.0	17.D	17D	34.0	08-51			14	37	56	CITY WATER (F)		*ND DATA SINCE 1960
610 9DD	25.D	18.D	7D	34.D	03-54			6	5	5D	SURFACE (F)		*ND DATA SINCE 1956
* 607 89D	1D.5	21.1	99	33.5	06-53	D1-65		13	14	78	PENN SD, PROD (B)		*NO DATA 1963-67
615 890	2D.D	17.D	47	32.6	D4-54			5	19	5D	LAKE (E)		*NO DATA 1963-68
598 132D	1D.D			35.0	D4-64			2	1	20	SH SD (F)		
606 95D	20.4	18.9	71	37.D	10-53			12	22	151	GRAV, PROO (M)		
611 95D	23.2	18.3	69	37.0	08-56			23	29	174	GRAV, PROO (M)		
669 95D	15.3	17.8	33	37.D	D1-58			8	8	87	GRAV, PRDD (M)		
67D 95D	24.4	18.9	85	37.0	D1-58			5	2	27	GRAV, PRDD (M)		
691 95D	15.D	18.6	1D6	37.C	D1-63			1	5	22	GRAV, PROD (M)		
612 95D	20.0	18.9	162	31.7	06-51			58	62	1030	RIVER GRAV, PROD (M)		

TABLE 11 - WATERFLOOD OPERATIONS IN ILLINOIS, 1968 - Continued

Field, County / Project no. * = A8D + = P.M.	Operator	Project U = Unit	Pay name	Location S - T - R	Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
					Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68
MAIN C, CRAWFORD, LAWRENCE, JASPER (CONTINUED)										
599	OON GAY	GEORGE L. WALTERS	ROBINSON	2-6N-13W	224	667	4.5	12	43	105
* 614	GEN. OPERATIONS	LITTLEJOHN	ROBINSON	20-6N-12W		699		34		179
594	GETTY OIL CO	A.H. MANN	ROBINSON BETHEL	5,6-5N-12W, 32-6N-12W	895	4652	68.1	292	736	2213
596	GETTY OIL CO	STIFLE-MCKNIGHT	ROBINSON	7,18-7N-13W	228	794	22.8	76	130	368
630	GETTY OIL CO	BIRCH 1	ROBINSON	14-6N-13W	389	4110	17.8	411	361	2250
631	GETTY OIL CO	BIROS AREA	ROBINSON	16,20,21,28,29-5N-11W	2467	25870	69.8	1326	1899	14744
632	GETTY OIL CO	BARRICK-WALTERS	ROBINSON	18,19-7N-12W, 13,24-7N-13W	1918	21605	77.7	1541	1291	9011
633	GETTY OIL CO	GOOD-HAWS	ROBINSON	16,17,21,22-6N-13W	600	5461	27.9	533	485	3593
634	GETTY OIL CO	HOWARD	ROBINSON	11-7N-13W	491	4471	14.2	427	490	3822
635	GETTY OIL CO	AMES	ROBINSON	29-7N-13W	366	4902	18.3	245	217	2813
636	GETTY OIL CO	DENNIS-HARDIN	ROBINSON	27,34-6N-13W	435	8204	15.3	777	331	6101
637	GETTY OIL CO	THOMPSON	ROBINSON	26,27-6N-13W	86	1634	8.8	228	134	1970
641	GETTY OIL CO	STIFLE-DRAKE	ROBINSON	9,10,16-7N-13W	534	7829	22.5	523	378	4734
668	GETTY OIL CO	HIGHSMITH	ROBINSON	20,21-6N-12W	464	3599	16.0	198	271	1517
696	GETTY OIL CO	WALTERS-STANTZ	ROBINSON	14,15-7N-13W	87	698	5.7	45	62	425
621	ILL. LSE. OP.	STEHR-NEWLIN-MOUSER	ROBINSON	19-7N-13W	36	109	8.1	20	30	60
680	IND. FARM BUR.	OAK RIDGE	BETHEL	17-5N-12W	2	537	*	*		12*+
681	IND. FARM BUR.	OAK RIDGE U	CYPRESS	17-5N-12W	149	3123	16.5	106*	54	860*+
685	IND. FARM BUR.	DENNIS HEIRS U	ROBINSON	29,30-7N-13W	1277	22600	57.1	1018	1556	8151
686	IND. FARM BUR.	C.J. BEST	ROBINSON	20,29-7N-13W	231	2306	19.8	103	192	842*
687	IND. FARM BUR.	STEWART HEIRS	ROBINSON	21-6N-13W	438	3760	9.5	275	443	1980
685	IND. FARM BUR.	HULSE-ALLEN	ROBINSON	12,13-7N-14W	86	373	6.5	75	156	400*
697	IND. FARM BUR.	DEES C	ROBINSON	28-6N-13W	190	1420	7.6	58	244	817
659	INLAND OIL CO	SANDERS	ROBINSON	26,34,35,36-6N-13W, 1,2,3-5N-13W	*	6386*	*	110*	*	1661*
* 618	G. JACKSON	STANFIELD	ROBINSON	17-8N-12W		47		0		5
617	KEWANEE OIL CO.	WRIGHT FLOOD C	ROBINSON	23,26-6N-13W	412	6871	14.7	249	411	4302
693	KEWANEE OIL CO.	SHILTS FLOOD C	ROBINSON	8-6N-13W	321	1939	9.6	41	231	785
619	LOGAN OIL CO.	ALEXANDER-REYNOLDS	ROBINSON	19,20-7N-12W	300	7965	20.7	572	148	1755
620	THE MACDONELL CO	CONOREY AREA	ROBINSON	6,7-7N-13W	370	552	48.7	107	176	411
671	THE MACDONELL CO	KIRTLAND U	ROBINSON	5-6N-13W	560	4634	11.4	137	209	1170
672	THE MACDONELL CO	KIRTLAND-DEE	ROBINSON	5,6-6N-13W	1357	8351	67.7	646	1065	5957
623	MARATHON OIL CO.	22 PROJECTS*	ROBINSON	T6,7,8N-R12,13,14W	21986	327863	1087.6	25310	17428	194086
698	MARATHON OIL CO.	THORNTON WF 21-M	BETHEL BENOIST STE. GEN.	17,18,19,20,29-7N-13W	2044	5503	360.3	952	777	1951
592	MT. CARMEL ORLG.	NEW HEBRON WATERFLOOD	ROBINSON	22-6N-12W	236	1041	14.7	84	156	551
* 593	MT. CARMEL ORLG.	STEWART-INBODEN	BETHEL	36-6N-12W		133		5		32
688	CLARENCE NESLER	OBLONG	ROBINSON	9-7N-13W		402*		24*		
* 624	PARTLOW, COCHNOR	RICH	ROBINSON	35,36-6N-12W		2716		67		1134
* 662	PETROL. PROD. CO	RHODES	ROBINSON	29,32-8N-12W		445				
608	PRUDENTIAL OIL	TOHILL-HUGHES	ROBINSON	27,28-6N-13W	76*	5740*	13.3*	367*		
* 625	REO HEAD OIL CO.	OIM	ROBINSON	25,26-3N-13W		4220*		105*		1103*
* 663	REE, INC.	MESERVE UNIT	ROBINSON	11-6N-13W		251		1		39
* 626	E. C. REEVES	BILLINGSLEY COOP	ROBINSON	34,35-7N-13W		2736*		89*		92*
* 605	M. F. ROBERTS	BISHOP C	ROBINSON	19,20-8N-12W		2208		35		
* 627	SHAKESPEARE OIL	MCINTOSH UNIT	ROBINSON	17,18,19,20-6N-12W		396		18		241
* 628	SHAKESPEARE OIL	MONTGOMERY UNIT	ROBINSON	32,33-6N-12W 4-5N-12W		516		18		177
* 664	C. E. SKILES	WALTER COMM COOP	ROBINSON	1-6N-13W, 36-7N-13W		26		0		29
* 661	SKILES OIL CORP.	CORRELL-GURLEY COOP	ROBINSON	10-7N-12W		1214		30		227
* 665	SKILES OIL CORP.	WEGER COOP	ROBINSON	18,19-5N-11W 13,24-5N-12W		770		8		109
* 595	JAMES M. STONE	MC CANE	ROBINSON	28-7N-12W		55		1		12
629	JAMES M. STONE	CLARK-HULSE	ROBINSON	18-7N-13W	*	5726	*	303	*	3981
639	JAMES M. STONE	LEFEVFP-MUSGRAVE	ROBINSON	13-7N-13W	*	2894	*	375	*	1479
* 638	TIDEWATER OIL CO	HENRY-IKEMIRE	ROBINSON	10,15-7N-13W		4187		470		2401
* 640	TIDEWATER OIL CO	MONTGOMERY-SEITZINGER	ROBINSON	15,16-5N-11W		1544		67		817
* 642	TIDEWATER OIL CO	WALTER-STAHL COOP	ROBINSON	13,14-7N-13W		991		111		712
* 679	WAUSAU PET. CORP	HIGHSMITH COOP	ROBINSON	31-6N-12W		153*		0*		37*
591	WESFIELD, INC.	BIDLE	ROBINSON	25-8N-13W	114	216	2.6	7	15	49
622	E. L. WHITMER	DEES-LEWIS-WALL-YOUNG	ROBINSON	4,9-6N-13W						
694	WICHITA RIVER	FLYNN	ROBINSON	26,35-8N-13W	370	1863	45.0	322	262	638
* 692	GEORGE WICKHAM	PRICE,KEITH,BARLOW	ROBINSON	8,17-7N-12W		1571		59		921
613	WOLOP OIL CO.	CULVER WATERFLOOD	ROBINSON	5,6,7-7N-12W	300*	3966	9.8*	165		238*
590	ZANETIS OIL PROP	QUICK HRS HARTLEROAD	ROBINSON	29-7N-12W	65	260	6.9	41	41	164
MAPLE GROVE C, EDWARDS, WAYNE										
*1008	ASHLAND O AND R	BENNINGTON COOP	MCCLOSKY	7-1N-10E		572		166*		
1025	L. L. CHEVALIER	MAPLE GROVE	MCCLOSKY	9,10-1N-10E	*	668	*	161	*	668
*4127	WINMAR OIL CO.	W BENNINGTON	AUX VASES	13-1N-9E		171*		32*		213
MARKHAM CITY, JEFFERSON										
*2004	GULF OIL CO	W MARKHAM CITY U	AUX VASES MCCLOSKY	3,4,9,10-3S-4E		6404		429		4477
*2003	TIDEWATER OIL CO	NEWTON	MCCLOSKY	1-3S-4E		*		1		7
MARKHAM CITY W, JEFFERSON										
*2020	H DOUBLE L	MARKHAM CITY WEST U	MCCLOSKY	34,35-2S-4E, 2-3S-4E		300		1		300
MARTINSVILLE, CLARK										
214	AMERICAN PUMP	BRODERMAN AND CONNELY	PARTLOW	13-9N-14W	*	3600*	*	111*	*	
* 218	J. B. BUCHMAN	W MORGAN	CARPER	31-10N-13W		283		0		5
* 219	MOBIL OIL CORP.	CARPER	CARPER	30-10N-13W		1111		10*		10
* 220	MOBIL OIL CORP.	CASEY	CASEY	19-10N-13W		872		2		34

Field, County / Proj. no.	Reservoir statistics (avg. value) Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Development as of 12-31-68 Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Injection water Source SO = Sand GR = Gravel PROD = Produced SH = Shallow Type (F) = Fresh (B) = Brine (M) = Mixed	Remarks
MAIN C, CRAWFORD, LAWRENCE, JASPER (CONTINUED)												
599	930	20.0	18.1	141	32.7	10-64		5	7	70	PENN SO, PROD (B)	
* 614	850	24.0	20.0	50	37.5	10-52	12-58	4	9	60	PENN SO, PROD (B)	
594	950	20.1	20.0	150	33.0	01-64		18	19	140	BASAL PENN, PROD (B)	
	1320	9.0	16.0	40				9	6	80		
596	950	17.3	20.0	100	34.0	04-61		6	7	38	PENN SD, PROD (B)	
630	881	34.3	19.1	108	33.0	08-54		9	7	61	GRAV, PROD (M)	
631	950	21.8	19.4	197	30.1	02-52		68	65	764	GRAV, PROD (M)	
632	950	30.9	20.0	152	35.0	03-54		43	44	407	PENN SO, PROD (B)	
633	930	24.3	21.0	378	35.0	09-57		18	21	174	PRODUCED (B)	
634	950	20.2	19.6	184	35.3	02-52		12	14	79	PRODUCED (B)	
635	980	25.3	20.0	150	35.0	10-56		13	12	153	SH SD, PROD (M)	
636	875	33.7	15.8	173	32.7	08-50		11	10	93	PURCHASED (B)	
637	860	32.9	19.8	108	33.0	09-52		4	4	40	PURCHASED (M)	
641	980	23.6	18.2	221	33.5	06-52		15	18	278	PENN SO, PROD (B)	
668	920	21.2	20.0	80	35.0	04-59		14	13	140	PENN SO, PROD (B)	
696	950	17.1	19.0	200		06-63		3	7	67	PENN SO, PROD (B)	
621	896	36.0				07-63		2	5	180	PENN SO (B)	*ND DATA BEFORE 1967
680	1590	8.0	14.0	15	35.7	10-61		1	5	420	SH WELL, PROD (M)	*INCL WITH 681 +1966-67 ONLY
681	1470	15.0	18.5	57	35.9	10-61		5	6	420	SH WELL, PROD (M)	*INCL 680 +EXCEPT 1966-67
685	950	20.0	19.0	120	37.2	12-59		71	84	380	SH WELL, PROD (M)	
686	950	20.0	15.0	12	37.2	11-61		7	11	80	SH WELL, PROD (M)	*ESTIMATED
687	950	38.0	28.7	240	37.0	10-60		6	9	40	PRODUCED (B)	
689	936	50.0	18.5	74	36.8	12-61		3	5	180	PURCHASED (B)	*ESTIMATED
697	930	12.0	17.0	64	37.2	09-61		7	9	160	SH WELL, PROD (M)	
659	880	20.0	21.0	205	32.0	08-52		65	57	277	PENN SO, PROD (B)	*ND DATA SINCE 1958
* 618	977	30.0	23.0	57	36.0	06-52	08-53	3	3	20	SH SD, PROD (M)	
617	900	15.0	20.0	245	34.0	01-53		15	18	113	PENN, PROD (B)	
693	900	10.0	18.0	150	36.0	06-63		7	10	80	PENN, PROD (B)	
619	940	22.0	22.0	167	34.0	12-51		28	29	280	CYPRESS, PROD (B)	
620	910	21.0	20.8	165	34.4	11-66		13	28	310	PRODUCED (B)	
671	800	40.0	20.1	143	34.9	01-58		9	7	30	PENN SO, PROD (B)	
672	913	40.0	20.8	158	36.8	01-58		31	67	330	PENN SD, PROD (B)	
623	920	20.0	19.5	125	34.0	05-48		590	583	6176	GRAV, PROD (M)	*BONO, BRUBAKER, HAMILTON, KIRTLAND CARLTON, COOLEY, DRAKE, EATON, MANN FAWLEY, HARGIS, HENRY, PRICE, SHIRE HUGHES, REED, SHILTS, WILKIN, WOOD WILSON, WOODWORTH, YORK
698	1340	10.0	15.0	30	38.0	07-63		22	24	600	GRAV, PROD (M)	
	1390	8.0						22	23	600		
	1450	8.0						23	25	600		
592	930	14.0	15.8	16	36.0	01-63		8	13	130	PENN SO (B)	
* 593	1310	10.0	16.0	45	34.0	03-64	07-66	2	2	50	PENN SD, PROD (B)	
688	980	20.0	40.0	75	36.0	07-52		5	12	200	PRODUCED (B)	*ND DATA SINCE 1961
* 624	1006	22.0	24.3	240	26.0	10-54	12-61	5	9	60	LAKE, PROD (M)	
* 662	1000	15.0	20.0	75	35.7	09-51	12-56	4	2	40	SH SD, POND (M)	
608	900	20.0	20.0	100	32.0	06-51		6	9	130	SH SD, PROD (M)	*1956-61, 1967 ESTIMATED
* 625	840	10.5	21.2	58		07-53	12-62	16	14	103	PENN SD, PROD (B)	*1960, 1961 ESTIMATED
* 663	950	22.7	21.9	89		11-53	05-55	4	4	20	PENN SD (B)	
* 626	925	20.0	30.0	45		12-53	07-64	6	8	115	PENN SD (B)	*NO DATA FROM 1961 THRU 1964
* 605	1000	22.4	22.1	156	35.7	11-53	02-60*	26	7	70	SH FR, PROD (M)	*ESTIMATED
* 627	925	12.0			32.6	07-54	01-59	4	8	39	PENN SO (B)	
* 628	975	25.8	22.6	150	28.3	05-54	05-58	6	6	52	PENN SAND (B)	
* 664	985	12.5	20.1	93	36.0	12-51	01-53	5	6	40	PENN SO, PROD (B)	
* 661	1035	20.0	22.2	100	33.0	07-51	09-55	18	17	180	PENN SD, PROD (B)	
* 665	900	20.0	17.0	37		11-52	07-56	9	11	90	CREEK, PROD (M)	
* 595	1128	30.0	19.0	200		03-65	06-66	1	4	5	PENN SD (B)	
629	910	25.4	19.9	278	34.0	01-52		13	4	80	SH SD, PROD (M)	*NO DATA 1967-68
639	910	24.4	20.0	250	34.0	02-54		14	14	119	SH SD, PROD (M)	*NO DATA 1967-68
* 638	935	14.6	21.0	175	35.0	07-48	12-63	24	44	104	PENN SD, PROD (B)	
* 640	979	21.0	19.0	144	32.0	05-54	12-65	6	3	64	SH SD, PROD (M)	
* 642	987	15.9	20.0	100	35.0	11-54	07-65	7	2	56	PENN SD, PROD (B)	
* 679	890	20.0	21.5	50	32.0	09-51	04-59	13	23	130	PENN SO (B)	*LAST DATA AS OF 12-31-52
591	1000	10.0	15.0	85	34.0	07-61		3	6	80	PRODUCED (B)	
622	875	15.0				01-68		14	16	300		
694	980	12.0	18.6	200	37.4	11-63		13	19	210	LAKE, PROD (M)	
* 692	1050	10.0			30.0	05-62	09-66	2	3	30	PENN SD, PROD (B)	
613	950	17.0	19.5	108	36.8	02-61		13	20	126	POND, PROD (M)	*ESTIMATED +1966 DATA ONLY
590	935	12.0	19.3	36	37.0	11-64		3	10	60	PRODUCED (B)	
MAPLE GROVE C, EDWARDS, WAYNE												
*1008	3100	5.0			38.0	09-52	06-61	2	7	110	PRODUCED (B)	*INCLUDES PRIMARY PROD
1025	3270	8.0			36.0	07-61		5	5	360	CYPRESS, PROD (B)	*NO DATA 1967-68
*4127	3150	15.0	24.0	50	37.0	01-57	12-61	1	5	60	CYPRESS SD (B)	*ESTIMATED +INCL PRIM PROD
MARKHAM CITY, JEFFERSON												
*2004	2900	11.8	22.1	269	38.0	04-54	12-63	12	9	230	CYPRESS, PROD (B)	
	3000	7.0	15.4	230				7	7	150		
*2003	3080	6.0				08-55	12-56	1	1	40	CYPRESS (B)	*DUMP FLOOD
MARKHAM CITY W, JEFFERSON												
*2020	3050	10.0			36.0	09-64	05-67	1	2	270	CYPRESS (B)	
MARTINSVILLE, CLARK												
214	530	25.0	24.0	43	32.0	01-56		50	42	240	LAKE (F)	*NO DATA SINCE 1959
* 218	1346	40.0	16.0	11	30.0	10-52	12-53	2	6	40	SH SD (F)	
* 219	1334	27.0				01-51	02-55	4	1	10	SH GRAV (F)	*INCL PRIM PROD 1-51 TO 2-55
* 220	464	25.0				08-50	12-54	8	3	23	SH GRAV, (F)	

TABLE 11 - WATERFLOOD OPERATIONS IN ILLINOIS, 1968 - Continued

Field, County / Project no. (* = ABO, + = P.M.)	Operator	Project (U = Unit)	Pay name	Location (S - T - R)	Water injection: Total 1968	Water injection: Cum. 12-31-68	Oil production: Total 1968	Oil production: Cum. 12-31-68	Water production: Total 1968	Water production: Cum. 12-31-68
MASON N, EFFINGHAM										
1104	TEXACO, INC.	MASON N U	BENOIST	9,10-6N-5E	52	1955	5.6*	138*	721*	1942*
			AUX VASES		37	151				
MATTOON, COLES										
509	ASHLAND O AND R	NORTH MATTOON UNIT	CYPRESS	10,11-12N-7E	159	1840	9.7	145	62	335
512	ASHLAND O AND R	SOUTH MATTOON UNIT	CYPRESS	34-12N-7E, 3-11N-7E	892	6548	67.1	1037	667	2167
			AUX VASES							
			SPAR MTN							
* 515	ASHLAND O AND R	OEGLER BROS COOP	CYPRESS	3-12N-7E		459		22		174
			SPAR MTN							
507	N. A. BALDRIDGE	LOELL	SPAR MTN	10-11N-7E	40*	166	2.0*	2	40*	166
* 504	OELL CARROLL	MATTOON	CYPRESS	23-12N-7E		189		20		88
* 506	OELL CARROLL	MATTOON	SPAR MTN	23-12N-7E		348		84		173
516	OELL CARROLL	CARLYLE 4-A	SPAR MTN	11-11N-7E	5*	30	6.1*	18	3*	6
503	WALTER DUNCAN	REOMAN-MACKE	CYPRESS	23-12N-7E	44*	261	4.0*	49	33*	296
			SPAR MTN							
511	WALTER DUNCAN	OHM	CYPRESS	2,3-11N-7E	188	1132	43.8	216	50	127
			SPAR MTN							
514	WALTER DUNCAN	ARTHUR-OLIVER	SPAR MTN	2-12N-7E	320	1558	35.4	157	120	330
521	WALTER DUNCAN	COLEMAN UNIT	SPAR MTN	10-11N-7E	83	253	67.3	84	41	54
520	KINGWOOD OIL CO.	MATTOON COOP	SPAR MTN	10,11-11N-7E	85	236	19.4	34	19	35
* 501	PHILLIPS PET. CO	TINSLEY	SPAR MTN	22-12N-7E		249		15		144
500	SAFARI OIL CO	MATTOON	CYPRESS	23,24,25,26,27,34,35,	1080	1R704	58.4	1824	14	8565
			SPAR MTN	36-12N-7E 2,11-1N-7E						
517	STEVEN, FORSYTHE	G. BRINING	AUX VASES	3-11N-7E	40*	148*	9.7*	38*	20*	49*
			SPAR MTN							
MATTOON N, COLES										
518	HAR-KEN OIL CO.	N.W. MATTOON WF	SPAR MTN	22-13N-7E	140*	598	18.2*	113	110*	433
MAUNIE N C, WHITE										
4384	HERNDON DRILLING	MAUNIE WF U	BRIDGEPORT	24,25,36-5S-10E	754*	2677*	68.0*	1439*	474*	1492*
			BETHEL							
			AUX VASES							
			MCCLOSKY							
4307	KIRBY PETROLEUM	ACKERMAN-BOHLEBER-JSN	AUX VASES	26,35-5S-10E						
4328	KIRBY PETROLEUM	ACKERMAN	AUX VASES	23,26-5S-10E		272	15.0*	51		126
			SPAR MTN							
4282	LOUIS PESSINA	RIBEYRE ISLAND UNIT	WALTERSBURG	19,30-5S-14W	27*	817	2.9*	180	27*	373
			TAR SPRINGS							
4220	RULEO OIL CORP.	MAUNIE N U	AUX VASES	18,19-5S-14W	48*	2640	5.5*	338		
*4272	G. SCHOONMAKER	MAUNIE W UNIT	AUX VASES	35-5S-10E, 2-6S-10E		2720*		184*		1737*
4356	TEXACO, INC.	M B BOHLEBER	AUX VASES	26-5S-10E	124	269	55.6*	57*	143*	181*
			MCCLOSKY		107	184				
*4405	WALKER ORLG CO.	GRAY	BETHEL	2-5S-10E		69		1		7
			AUX VASES							
MAUNIE S C, WHITE										
4213	RHEA FLETCHER	PALESTINE SAND UNIT	PALESTINE	18-6S-11E,	*	13535	*	1721	*	12150
				13,24-6S-10E						
*4230	MOBIL OIL CORP.	TAR SPRINGS U	TAR SPRINGS	19-6S-11E		4748		792*		2049
				24,25-6S-10E						
*4239	MOBIL OIL CORP.	MAUNIE COOP	TAR SPRINGS	24-6S-10E		180		11*		102
*4268	MOBIL OIL CORP.	TAR SPRINGS U 2	TAR SPRINGS	24-6S-10E, 19-6S-11E		639		60		209
4273	BERNARD PODOLSKY	ARNOLD UNIT	CYPRESS	7,18-6S-11E	90	426	32.6	150	7	81
*4265	REBSTOCK OIL CO.	SOUTH CLEAR POND	PALESTINE	12-6S-10E		2097		141		428
			TAR SPRINGS							
MELROSE, CLARK										
* 227	SHAKESPEARE OIL	MELROSE U	PENN	13,24-9N-13W		192		4		2
MILETUS, MARION										
2632	FEAR AND DUNCAN	JONES 1	BENOIST	16-4N-4E	7*	49	1.2*	2	7*	44
MILL SHOALS, HAMILTON, WAYNE, WHITE										
4352	AMERICAN PUMP	MCINTOSH U	AUX VASES	31-3S-8E,6-4S-8E	452	4005	30.2	345	302	2281
4410	COY OIL CO	BROWN ET AL	AUX VASES	32-3S-8E	136	376	19.9	49	73	115
4386	R. C. DAVOUST	MILL SHOALS U	AUX VASES	19,20-3S-8E	520*	2108	28.3*	176	300*	944
*1505	BARRON KIDD	GARDNER	AUX VASES	24-3S-7E		*		28		
4133	SHULMAN BROTHERS	POORMAN-FOX	AUX VASES	18-3S-8E	264	361	6.5	9	53	74
4411	TAMARACK PET.	E. MILL SHOALS	AUX VASES	20,29-3S-8E	190*	1319	11.5*	74	165*	513
4183	TEXACO, INC.	A.J. POORMAN 'A'	AUX VASES	19-3S-8E	89	657	10.9	57	82	280
4337	TEXACO, INC.	MILL SHOALS COOP	AUX VASES	31,32-3S-8E	99	1751	9.0	145	12	681
*1506	SAM TIPPS	B.R. GRAY, TRUSTEE	AUX VASES	1-4S-7E		3211*		349		1444*
4363	H. WEINERT EST.	MILLSHOALS UNIT	AUX VASES	30-3S-8E	1046	6481	19.7	322	640*	3089
4397	H. WEINERT EST.	WEST MILL SHOALS UNIT	AUX VASES	20,29,30-3S-8E	273	910	25.3	93		
MODE, SHELBY										
3802	OON OURR	MODE FIELD	BENOIST	15,16,21,22-10N-4E			11.8	298*		
MT CARMEL, WABASH										
3887	ALVA C. DAVIS	CLAY MOELLER	CYPRESS	5-1S-12W	32	206	0.9	15	30	134
3890	ALVA C. DAVIS	PALYMRA U	BIEHL	5-1S-12W	49	220	16.9*	79*	158*	627*
			TAR SPRINGS		51	205				
			CYPRESS		254	1305				
3977	ALVA C. DAVIS	W. MT CARMEL	CYPRESS	18,19-1S-12W	160	771	16.0	102	58	300

Field, County / Proj. no.	Reservoir statistics (avg. value) Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Development as of 12-31-68 Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Injection water Source SO = Sand GR = Gravel PROD = Produced SH = Shallow	Injection water Type (F) = Fresh (B) = Brine (M) = Mixed	Remarks
MASON N, EFFINGHAM													
1104	2280	11.0	16.0	24	38.0	10-58		4	3	100	TAR SPR, PROD (B)		*INCL BOTH PAYS
	2344	17.0				08-65		1	1	30			
MATTOON, COLES													
509	1800	10.0	18.0	40	39.0	02-61		8	4	360	PENN SD (B)		*INCL PRIM PROD SINCE 2-61
512	1800	14.6	20.0	54	39.0	03-62		13	16	300	GRAVEL BED (F)		
	1910	10.0						6	4	100			
	1980	11.0	12.6	97				17	19	400			
* 515	1722	10.0			38.4	12-63	02-67	2	5	80	PURCHASED (B)		
	1920	10.0											
507	1980	19.0			35.0	04-66		2	2	50	PRODUCED (B)		*ESTIMATED
* 504	1770	9.0				04-59	12-66	4	7	100	PURCH, PROD (B)		
* 506	1970	10.0			37.0	04-59	12-66	4	7	100	PURCH, PROD (B)		
516	1975	12.0			36.0	05-64		4	2	35	PURCHASED (B)		*ESTIMATED
503	1770	10.0				06-59		1	1	20	PROD, FRESH* (M)		*FRESH WATER IS SEWAGE EFFLUENT
	1970	9.0						2	2	40			+ESTIMATED
511	1800	20.0				08-62		3	8	110	GRAVEL BED (F)		
	1970	12.0						4	8	115			
514	1930	8.0				02-63		6	8	180	SH SD, PROD (M)		
521	1920	11.0				04-66		3	2	40	GRAV, PROD (M)		
520	1960	10.0	12.0			04-66		3	6	200	SH SD (F)		
* 501	1950	10.0	15.0	550	37.0	11-50	12-54	2	5	70	PRODUCED (B)		
500	1750	13.0	16.0	84		05-52		20	25	850	PROD, SEWAGE EFF (M)		
	1950	12.0						20	28	900			
517	1920	10.0			37.0	11-64		1	3	40	PURCHASED (F)		*ESTIMATED 1966-68
	1970	15.0						1	1	40			
MATTOON N, COLES													
518	1900	6.0	14.7	167	38.9	03-64		4	9	130	SH SD, PROD (M)		*ESTIMATED
MAUNIE N C, WHITE													
4384	1350	10.0			34.0	08-64		0	4	40	RIVER GRAVEL (F)		*INCL ALL PAYS
	2800	15.0						13	16	290			
	2950	15.0						5	8	140			
	3020	4.0						2	5	50			
4307	2955					01-68		3	4	70			
4328	2940	20.0			36.0	06-67		2	3	80	GRAV, PROD (M)		*ESTIMATED 1967-68
	3035	4.0				08-61		1	2				
4282	2305	6.0	18.4	204	36.0	05-59		8	6	115	GRAV, PROD (M)		*ESTIMATED
	2345	10.0											
4220	2900	12.0				10-57		5	3	90	RIVER GRAVEL (F)		*ESTIMATED
*4272	2950	13.0	15.4	37	38.0	10-58	10-66	12	12	310	GRAVEL BED (F)		*ESTIMATED 1965-66
4356	2940	15.0		30	37.0	04-67		4	4	80	PRODUCED (B)		*INCL BOTH PAYS
	3050	8.0			37.0			2	2	80			
*4405	2830	10.0				06-65	01-67	1	2	30	PENN SD (B)		
	2940	10.0											
MAUNIE S C, WHITE													
4213	2010	13.5			36.6	02-53		18	19	448	GRAV, PROD (M)		*TEMP ABD 4-64, NO DATA 1968
*4230	2270	14.0	19.0	612	37.3	08-47	12-57	12	13	230	GRAV, PROD (M)		*INCL PRIM PROD, 8-47 TO 12-57
*4239	2275	14.0			38.0	11-55	01-58	2	5	70	GRAV, PROD (M)		*INCL PRIM PROD
*4269	2275	14.0	17.0	550	37.0	11-49	12-54	3	2	50	SH GRAVEL (F)		
4273	2590	4.7	15.5	44	36.2	02-64		5	8	194	PENN SD, PROD (B)		
*4265	2000	8.0			35.0	06-57	12-67	2	4	60	PENN SD, PROD (B)		
	2200	10.0						6	8	150			
MELROSE, CLARK													
* 227	845	9.0	17.0	20	34.8	12-60	08-62	5	6	105	SH SAND (F)		
MILETUS, MARION													
2632	2150	8.0				10-66		1	1	20	PRODUCED (B)		*ESTIMATED
MILL SHOALS, HAMILTON, WAYNE, WHITE													
4352	3220	21.0	20.0	195	39.0	06-62		7	12	373	GRAV, PROD (M)		
4410	3225	12.0	18.0	125	37.0	11-65		3	3	60	GRAVEL (F)		
4386	3220	18.5	18.5	75	39.0	08-64		3	8	188	CREEK, PROD (M)		*ESTIMATED 1967-68
*1505	3243	11.0				09-56	12-62	1	2	30	HARDINSBURG (B)		*DUMP FLOOD
4133	3235	25.0			37.0	07-67		2	7	140	SH SD, PROD (M)		
4411	3250	12.5	19.6	125	38.3	03-65		5	8	225	CREEK, PROD (M)		*ESTIMATED
4183	3212	16.0	22.0	130	37.0	08-64		2	4	30	GRAV, PROD (M)		
4337	3200	19.0	15.8	58	36.0	09-61		3	2	200	GRAV, PROD (M)		
*1506	3245	11.0	21.0		37.0	05-52	12-65	10	4	170	GRAVEL BED (F)		*ESTIMATED 1961-65
4363	3200	22.0	21.0		35.8	08-62		13	8	220	GRAVEL BED (F)		*ESTIMATED
4397	3240	19.0				09-65		4	13	376	SH SD (F)		
MOOE, SHELBY													
3802	1770	10.0	15.0		34.0	12-61		6	7	180	PRODUCED (B)		*ESTIMATED, NO DATA 1961-68
MT CARMEL, WABASH													
3887	1995	15.0			35.0	11-63		1	1	20	SH SD, PROD (M)		
3890	1510	8.0			36.0	11-63		1	3	40	SH SD, PROD (M)		*INCL FORMER PROJ 3885, 3888, 3889
	1670	10.0			37.4			1	4	50			
	2020	24.0			37.4			4	9	135			
3977	2046	10.0	17.0	83	35.0	09-61		3	4	80	SH SD (F)		

Field, County / Project no. * = A80 + = P.M.	Operator	Project U = Unit	Pay name	Location S - T - R	Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
					Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68
MT CARMEL, WABASH (CONTINUED)										
*3941	FIRST NATL PET	SHAW-COURTER	CYPRESS	7-1S-12W		259		28		9
*3946	FIRST NATL PET	SHAW-COURTER	8IEHL	7-1S-12W		364		69		148
*3919	T. W. GEORGE	NORTH MT CARMEL	CYPRESS	4,5-1S-12W		35D		29		
*3958	T. W. GEORGE	DUNKEL-JOHNSON	CYPRESS	32-1N-12W		4DD*		22		
*3884	H AND H OIL CO	C E CHAPMAN	TAR SPRINGS	7,18-1S-12W		169		1D		83
3923	H AND H OIL CO	CHAPMAN-COURTER U	CYPRESS	7,18-1S-12W	36*	1488	2.3*	298	36*	887
3864	ILL. LSE. OP.	SHAW	CYPRESS	7-1S-12W	7D	107	8.4	19	35	56
3918	ILL. LSE. OP.	WABASH UNIT	MCCLOSKY	5-1S-12W	58	322*	12.1	68*	34	58*
3882	MOBIL OIL CORP.	CAMPBELL HEIRS	CYPRESS	7-1S-12W	70	375	9.4	22	7D	79
*3921	ELMER M NOVAK	MT CARMEL U	CYPRESS	17-1S-12W		1763		129		
3872	SANDS OIL CO.	CROW-MILLER	CYPRESS	8-1S-12W	0*	0*	10.4+	69+		8
3922	SHELL OIL CO.	MT CARMEL U	8IEHL	17,18-1S-12W	603	1D767	89.2	1393	562	7837
			CYPRESS							
*3924	SKILES OIL CORP.	W MT CARMEL	TAR SPRINGS	18,19-1S-12W		895		138		513
3862	SPARTAN O AND G	BAIRD-SCHULER	8IEHL	2D-1S-12W	2D*	38	3.7*	7	15*	2D
3897	SUPERIOR OIL CO.	R.V.Z. U	CYPRESS	8,9-1S-12W	38	531	34.2	251	57	204
3983	SUPERIOR OIL CO.	MT CARMEL N U	8IEHL	4,9-1S-12W	254*	2367	12.7*+	348+	144*+	962+
3984	SUPERIOR OIL CO.	MT CARMEL N U	CYPRESS	4,9-1S-12W	56*	1414	+	+	+	+
*3917	TAMARACK PET.	G OUNKEL	8IEHL	5-1S-12W		252*		28		42*
*3873	TEXACO, INC.	KUHN UNIT	8RIDGEPORT	16-1S-12W	98	301	7.9*	5D*	121*	292*
			CYPRESS		173	680				
3875	TEXACO, INC.	STEIN UNIT	TAR SPRINGS	5-1S-12W	1D3	411	5.2*	43*	5D*	159*
			CYPRESS		82	382				
3876	TEXACO, INC.	GEIGER-STECKLER U	8IEHL	8,9,16-1S-12W	139	696	*	*	*	*
3877	TEXACO, INC.	GEIGER-STECKLER U	TAR SPRINGS	8,9-1S-12W	65	195	*	*	*	*
3878	TEXACO, INC.	GEIGER-STECKLER U	CYPRESS	8,9-1S-12W	2D9	1257	32.D*	31D*	214*	719*
*3879	TEXACO, INC.	COUCH-NOLLER	8IEHL	16-1S-12W	10	279	*	*	*	*
*3880	TEXACO, INC.	COUCH-NOLLER	CYPRESS	16-1S-12W	13	227	D.3*	16*	14*	79*
*3925	TEXACO, INC.	STEIN LEASE	TAR SPRINGS	8-1S-12W		327		1DD		138
			CYPRESS			263				
NEW HARMONY C, EDWARDS, WABASH, WHITE										
4283	ABSHER OIL CO	CALVIN-HON UNIT	TAR SPRINGS	9-4S-14W	100*	3644*	8.0*	411*	1D0*	2623*
			CYPRESS							
			8ETHEL							
			AUX VASES							
3926	ASHLAND O AND R	N MAUD(WALLACE A,B)	8ETHEL	5,6,7,8-2S-13W	21	675	6.3	156	16	126
*3927	ASHLAND O AND R	RAVENSTEIN	8ETHEL	32-1S-13W	D	99	1.8	59	2	8
4274	ERANCIS BEARD	J.J. BONO	CYPRESS	8-4S-14W	25D*	3996	9.2*	432	98*	1619
			8ETHEL							
			AUX VASES							
4316	BELL BROTHERS	SKILES	CYPRESS	16-4S-14W	145	154D	6.9	715	74	613
			8ETHEL							
			AUX VASES							
4218	CALSTAR PET.	FORD	AUX VASES	20,21,22-4S-14W		239		465*		
*4219	CALSTAR PET.	FORD 'B'	8ETHEL	21-4S-14W		1113		104		
43D5	CALSTAR PET.	FORD 'A'	WALTERSBURG	16,21-4S-14W	3D*	242*	2D.3*	376*+		
			TAR SPRINGS		5D*	438*				
			CYPRESS		90*	1115*				
			8ETHEL		30*	286*				
			AUX VASES		230*	1963*				
4329	CALSTAR PET.	M.S. DONALD	8ETHEL	21-4S-14W	80*	709	11.2*	249		
			AUX VASES		80	1057				
*3980	DELL CARROLL	ERIENDSVILLE FIELD	CYPRESS	11-1S-13W	58	345	3.1	80	39	134
3985	CITIES SERVICE	FOST-LEY UNIT	8IEHL	3-1S-13W	223	1161	4.4	71	3D	98
3986	CITIES SERVICE	FOST-LEY UNIT	CYPRESS	3-1S-13W	7	473	3.0	129	39	225*
3870	CONTINENTAL OIL	MAUD NW UNIT	WALTERSBURG	27,34-1S-13W	382	1168	19.9	179	140	379
3893	CONTINENTAL OIL	MAUD U	WALTERSBURG	34,35-1S-13W	243*	752*	56.2*	263*	136*	296*
			CYPRESS							
396D	CONTINENTAL OIL	A E SCHULTZ 'A'	8ETHEL	8,17-2S-13W	356	142D	31.2*	397*	180*	1D1D*
3961	CONTINENTAL OIL	A E SCHULTZ 'A'	CYPRESS	8,17-2S-13W	173	139D	*	*	*	*
3995	CONTINENTAL OIL	J.W. REISINGER	CYPRESS	4-2S-13W	D*	93	2.1	100	23	144
3963	COY OIL CO	KERWIN U	8IEHL	14,15,22-3S-14W	438*	6D31*	42.3*	1170*	163	2028
			8ETHEL							
*3989	COY OIL CO	KERWIN UNIT	AUX VASES	14,15,22-3S-14W		9D		*		*
*4338	COY OIL CO	GRAY	AUX VASES	20-4S-14W		814		105*		454*
*4339	COY OIL CO	GRAY	8ETHEL	20-4S-14W		150		*		*
*4368	COY OIL CO	B. R. GRAY	CYPRESS	17-4S-14W	58	1958	8.6*	288*	6D*	898*
			8ETHEL							
			AUX VASES							
3931	ALVA C. DAVIS	SIEGERT BOTTOMS	8ETHEL	2,3,10-3S-14W 34,35-2S-14W	174	3991	19.7	763	64	151D
3932	ALVA C. DAVIS	E MAUD	8ETHEL	32,33-1S-13W 4,5-2S-13W	94	1863	9.6	389	69	859
3933	ALVA C. DAVIS	E MAUD	CYPRESS	32,33-1S-13W 4,5-2S-13W	203	3651	9.5	282	1D6	18D2
3934	ALVA C. DAVIS	W MAUD	8ETHEL	5,7,8-2S-13W	22	2199	8.1	478	1	381
3956	ALVA C. DAVIS	COWLING-RABER	8ETHEL	17-2S-13W	4	107	0.4	16	1	23
3974	ALVA C. DAVIS	ERIENDS GROVE U	8IEHL	3-1S-13W 34-1N-13W	191*	2119*	9.9*	167*	94*	1277*
			JORDAN							
			CYPRESS							
4286	ALVA C. DAVIS	CALVIN GRIFFITH C	8ENOIST	8-4S-14W	*	285	1.0	31	7	210
4326	ALVA C. DAVIS	CALVIN GRIFFITH C	AUX VASES	8-4S-14W	37	404	1.3	107	37	429
*3994	B. R. DUNCAN	DUNKEL	CYPRESS	11-1S-13W		115		12		36
4313	WALTER DUNCAN	C. HUGHES	CYPRESS	17-4S-14W	44D*	5289*	13.8*	455*	440*	285D*
			8ETHEL							
			AUX VASES							
4227	FOREST OIL CO.	BOWMAN'S BENO UNIT	TAR SPRINGS	15,16,21,22-5S-14W	438	8383	22.2	2397	360	4943
*3929	G R COMPANY	SHULTZ	CYPRESS	7-3S-13W		2693*		175*+		1982*+
*393D	G R COMPANY	SHULTZ	CYPRESS	7-3S-13W		816*		+		356*+
*4330	V. R. GALLAGHER	GREATHOUSE-WALT. UNIT	WALTERSBURG	32-4S-14W		1D2		122*		40
*3907	T. W. GEORGE	EAST MAUD	8ETHEL	32,33-1S-13W		98		55*		

Field, County / Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-68					Injection water	Remarks
	Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Source SO = Sand GR = Gravel PROO = Produced SH = Shallow; Type (F) = Fresh (B) = Brine (M) = Mixed	
MT CARMEL, WABASH (CONTINUED)												
*3941	2050	12.0				04-53	12-57	1	4	50	SH SO (F)	
*3946	1375	16.0			40.2	02-50	12-59	1	2	30	PROO, FRESH (M)	
*3919	2000	14.0			35.4	08-55	12-61	3	4	70	PENN SO (B)	
*3958	2000	12.0				10-57	02-62	4	5	100	SH SO (E)	*ESTIMATED
*3884	1766	10.0			33.0	05-64	04-67	1	1	10	PROOUCED (B)	
3923	2050	19.0	16.5	159	37.0	01-55		3	3	75	PRODUCED (B)	*ESTIMATED
3864	2070	7.0				05-67		1	5	80	PENN SD (B)	
3918	2307	8.0				10-57		3	6	30	PRODUCED (B)	*NO DATA 1963-66
3887	2030	11.5	17.2	32	36.0	07-64		2	3	60	SH SO, PROO (M)	
*3921	2140	13.0				07-54	12-61	6	15	234	SH SO, GRAV (F)	
3872	2010	11.0				-64		0*	2	20*	*	*LOC ADJ TO WF +EST 1965-68
3922	1500	16.0	19.0	182	39.2	07-54		7	7	140	WABASH RIVER (F)	
	2075	12.5						13	22	325		
*3924	1730	6.0				10-55	07-63	3	3	70	PROOUCED (B)	
3862	1475	10.0				07-67		2	3	60	PROOUCED (B)	*ESTIMATED 1967-68
3897	2010	11.0	16.0	51	37.0	06-63		5	6	193	RIVER GRAV (F)	
3983	1450	13.0	18.0	200	35.7	09-61		4	7	120	RIVER, PROO (M)	*TWO MOS DATA EST +INCL 3984
3984	1950	7.2	16.0	34	37.4	09-61		2	4	243	RIVER, PROO (M)	*2 MOS DATA EST +INCL WITH 3983
*3917	1500	6.7	15.3	210	36.6	06-52	01-58	2	3	70	SH SO, GRAV (F)	*DATA FOR 1954 EST
*3873	1350	10.0			35.0	07-64	10-68	2	1	30	GRAV, PROO (M)	*INCL BOTH PAYS
	1900	12.0						4	5	111		
3875	1710	12.0			32.4	04-64		2	3	40	SH SO, PROO (M)	*DATA FOR BOTH PAY ZONES
	2010	11.0	17.0	29		04-64		1	2	73		
3876	1490	14.0			35.0	03-64		3	5	110	SH SO, PROO (M)	*INCL WITH 3878
3877	1710	12.0	18.9	221	32.4	07-64		1	1	30	SH SO, PROO (M)	*INCL WITH 3878
3878	1990	12.0			35.0	03-64		6	9	182	SH SO, PROO (M)	*INCL 3876,3877
*3879	1490	14.0			35.0	03-64	04-68	1	1	50	SH SO, PROO (M)	*INCL WITH 3880
*3880	1990	12.0			35.0	03-64	04-68	1	1	50	SH SO, PROO (M)	*INCL 3879
*3925	1710	12.0	18.9	221	32.4	03-64	08-67	3	1	116	SH SO, PROO (M)	
	2010	11.0	17.0	29	32.4			3	1	73		
NEW HARMONY C, EDWARDS, WABASH, WHITE												
4283	2350	9.0				01-59		1	2	30	GRAVEL BED (F)	*ESTIMATED 1964-68
	2550	6.0						5	5	100		
	2800	6.0						3	5	80		
	2900	14.0						6	6	120		
3926	2650	6.5	16.0	60	37.5	04-56		6	4	130	GRAV, PROO (M)	
*3927	2650	7.0	7.0	16	38.4	05-57	12-66	0	2	20	GRAV, PROO (M)	
4274	2585	13.0	18.2	46	34.3	08-58		4	4	80	SH SO, PROO (B)	*ESTIMATED
	2705	17.0	16.0	20	36.1			5	6	110		
	2820	15.0	17.0	31	36.2			6	6	110		
4316	2550	15.0	17.5		38.9	08-61		2	2	40	SH SO (F)	
	2700	12.0	16.8					1	2	30		
	2850	18.0	19.0					4	4	80		
4218	2840	18.3	15.0	20	33.1	01-56		1	2	200	SH SO (F)	*EST 1965-67, NO DATA 1968
*4219	2695	12.0			37.5	03-53	04-60	1	3	40	GRAVEL BED (F)	
4305	2140	8.4	19.0		37.5	11-60		2	1	40	GRAVEL BED (F)	*EST 1965-68 +INCL ALL PAYS
	2200	9.3	15.5					1	2	40		
	2580	13.3	16.0	32				4	2	80		
	2700	14.7	16.0					1	2	30		
	2820	15.5	15.0	20				5	5	100		
4329	2695	9.0	15.0	15	37.0	09-61		2	4	60	GRAV, PROO (M)	*ESTIMATED 1965-68
	2830	20.0	14.0	23	37.0			2	3	105		
*3980	2290	10.0			36.0	02-61	10-66	6	6	120	RIVER GRAV, PROO (M)	
3985	1710	8.0	15.0	75	32.0	03-61		3	2	70	SH SO, PROO (M)	
3986	2310	14.0	16.0	50	36.0	03-61		3	2	60	SH SO, PROO (M)	*INCL PALESTINE PROO WATER
3870	1937	16.0	16.0	200		02-65		5	2	200	SH SO, PROO (M)	
3893	1937	8.0	16.0	320		11-63		3	3	70	GRAV, PROO (M)	*INCL BOTH PAYS
	2248	8.0	18.8	83				4	4	80		
3960	2540	20.0	15.3	41	38.0	03-59		8	9	100	PROOUCED (B)	*INCL PROJ 3961
3961	2424	12.0	19.3	268	38.0	03-59		6	9	100	SH SO, PROO (M)	*INCL WITH 3960
3995	2413	9.0				06-62		1	1	10	PRODUCED (B)	*SWO ONLY SINCE 1-68
3963	1800	12.0	21.0	200	33.0	10-59		6	4	130	GRAV, PROO (M	*INCL DROPPED PROJ 3988
	2700	13.0	16.2	40				12	12	310		
*3989	2800	8.0				10-59	12-64	3	3	60	GRAVEL BED (F)	*INCL WITH 3963
*4338	2850	20.0	17.0	50		03-60	12-63	6	5	120	SH SO, GRAV (E)	*INCL 4339
*4339	2720	5.0	15.0			03-60	12-63	2	2	50	SH SO, GRAV (F)	*INCL WITH 4338
*4368	2575	10.0	16.2	118	39.0	01-63	08-68	4	4	80	GRAV, PROO (M)	*INCL FORMER PROJ 4366, 4367
	2790	9.0	14.3	50				2	2	40		
	2900	16.0	18.0	125				4	4	80		
3931	2680	18.0	17.0	75	36.0	10-51		11	13	300	GRAV, PROO (M)	
3932	2520	8.5	17.0	57	37.0	04-52		6	11	170	GRAV, PROO (M)	
3933	2400	8.0	18.5	75	37.0	11-52		3	7	50	GRAV, PROO (M)	
3934	2620	12.0	17.2	57	36.0	10-50		3	4	60	GRAV, PROO (M)	
3956	2549	15.0			37.0	05-57		1	1	20	GRAV, PROO (M)	
3974	1716	18.0				03-61		6	6	120	GRAV, PROO (M)	*INCL DROPPED PROJ 3975
	1761	16.0	18.0	61				1	1	20		
	2269	13.0						6	4	120		
4286	2680	10.0			33.0	09-59		*	1	40	GRAV, PROO (M)	*INJ TEMP DISC 12-64
4326	2855	20.0			36.0	06-60		1	1	35	GRAV, PROO (M)	
*3994	2100	15.0			36.4	11-62	12-65	1	1	20	SH SO, PROO (M)	
4313	2560	17.0			37.0	11-60		4	2	80	GRAV, PROO (M)	*INCL ALL PAYS
	2700	20.0						4	2	80		
	2820	18.0						4	3	80		
4227	2260	19.5	17.9	120	37.5	12-53		4	6	200	GRAV, PROO (M)	
*3929	2600	20.0	18.0	50	38.0	07-51	12-62	2	5	70	GRAV, PROO (M)	*NO DATA AFTER 1959 +INCL 3930
*3930	2500	10.0	17.0	100	38.0	05-52	12-62	1	2	30	SH SO, PROO (M)	*NO DATA AFTER 1959 +WITH 3929
*4330	2215	12.0	19.0	140		01-55	09-63	1	1	50	SH SO, PROO (M)	*INCL PRIM PROO 1-55 TO 9-63
*3907	2500	15.0	17.0	57	36.1	07-52	12-56	2	7	90	SURFACE (F)	*INCL PRIM PROO 7-52 TO 12-56

Field, County / Project no. * = ABO + = P.M.	Operator	Project U = Unit	Pay name	Location S - T - R	Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
					Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68
NEW HARMONY C, EDWARDS, WABASH, WHITE (CONTINUED)										
*3947	T. W. GEORGE	EAST MAUD	CYPRESS	32,33-1S-13W		31		55		
3959	T. W. GEORGE	KEENSBURG U	CYPRESS	9-2S-13W	900	8552	15.3	816	650	4548
3976	T. W. GEORGE	E MAUD	WALTERSBURG	22,27-1S-13W	66	256	22.4	150	22	12
			BETHEL		83	352	2.3	16	111	32
3874	GETTY OIL CO	KEENSBURG U	BIEHL	16,17,20-2S-13W	89	89	32.4	32		
			CLORE							
			CYPRESS							
			BETHEL							
4242	GETTY OIL CO	O. R. EVANS	BIEHL	4-4S-14W	279	7575	27.4	681	249	3269
			CYPRESS							
			BETHEL							
			AUX VASES							
			MCCLOSKY							
4354	GETTY OIL CO	WABASH RIVERBED U	BIEHL	33-3S-14W	116	1308*	13.4*	317*	87*	835*
			CYPRESS							
			AUX VASES							
4312	HARMON & CONYERS	FITTON 'A' UNIT	AUX VASES	29-4S-14W	*	794	*	101	*	332
4226	HERNDON DRILLING	CALVIN	CYPRESS	5,8-4S-14W	140*	1809	27.7*	2832	370*	3144
			BETHEL		50*	2747				
			AUX VASES		230*	10621				
3891	IND. FARM BUR.	SCHROOT STATION S U	CYPRESS	3-2S-13W	109	889	5.8	34	24	115
3892	IND. FARM BUR.	SCHROOT STATION MID U	CYPRESS	34,35-1S-13W	69	490	13.1	116	57	170*
*3955	IND. FARM BUR.	LANDIS-GOINS	CYPRESS	3-2S-13W		62		11		108
4300	IND. FARM BUR.	REEVES UNIT C	CYPRESS	28-3S-14W	191	2312	26.1	141	119	707*
			AUX VASES							
			MCCLOSKY							
4392	IND. FARM BUR.	CALVIN WATERFLOOD C	AUX VASES	22-4S-14W	60	536	10.6	39	5	9
4303	BARRON KIDD	ALLEN GRAY 'H' C	AUX VASES	20-4S-14W	9	94	3.4	76*		
3896	LUBOIL COMPANY	HELM C	TAR SPRINGS	22-3S-14W	126	842	*	*		
3936	LUBOIL COMPANY	HELM	CYPRESS A	22-3S-14W	50	1845	*	*	*	*
3937	LUBOIL COMPANY	HELM C	CYPRESS C	22-3S-14W	120	2540	*	*	*	*
3938	LUBOIL COMPANY	HELM C	AUX VASES	22-3S-14W	226	6415	86.1*	4087*		
3939	LUBOIL COMPANY	HELM	BENOIST	22-3S-14W	229	7829	*	*		
*3940	LUBOIL COMPANY	HELM C	WALTERSBURG	22-3S-14W		3306		*		
3965	LUBOIL COMPANY	HELM	BIEHL	22-3S-14W	15	548	*	*		
4276	MABEE PET. CORP.	O. SMITH 1,4,11	CYPRESS	4-4S-14W	62*	520*	8.7*	65*	10*	13
			BETHEL							
			AUX VASES							
4416	W. C. MCBRIDE	INDIANA STATE-EVANS	CYPRESS	4-4S-14W	41	66	9.4	10	65	71
3982	MT. CARMEL DRLG.	FRIENDSVILLE U	CYPRESS	2,11-1S-13W	0*	1598	1.1	324	2	746
3895	NAPCO	EPLER FLOOD	WALTERSBURG	6-2S-13W	128	672	18.9	228	99	386
3861	O H AND F OIL CO	KEENSBURG U	BIEHL	19-2S-13W	11	11	10.8	11	11	11
3886	PHILLIPS PET. CO	N MAUD U	CYPRESS	13,24-1S-14W	149	621	15.9	96	98	475
			OHARA							
3967	RK PET. CORP.	COWLING U	CYPRESS	23,25,26,35,36-2S-14W	231	2846	22.3	448	109	559
4401	REBSTOCK OIL CO.	NATIONAL BANK WF U	TAR SPRINGS	19,20,29-4S-14W	45*	464*	9.8*	150*	30*	92*
3962	ROSSI OIL CO.	4 W	CYPRESS	26-1S-13W	65*	522	13.6*	131	65*	522
4398	J. W. SCHULLER	BRAMLETT	CYPRESS	17-4S-14W	180	1272	15.7	275	135	376
			BETHEL							
3928	SHAKESPEARE OIL	BRINES U	BETHEL	20,21,28,29-1S-13W	408	8750	13.5	1450	170	5127
4216	JOE SIMPKINS OIL	HCN-BUMP-CRAWFORD	CYPRESS	32,33-3S-14W,5-4S-14W	150*	2561*	39.3*	629*+	325*	3029*+
			BETHEL		25*	227*				
			AUX VASES		150*	2510*				
*4217	JOE SIMPKINS OIL	ARROW-MC BRIDE ETAL	MCCLOSKY	5-3S-14W,32,33-4S-14W		762		1		
4320	JOE SIMPKINS OIL	BOULTINGHOUSE	TAR SPRINGS	9,16,17-4S-14W	1200*	11667*	8.9*	752*	1100*	8737*
			CYPRESS							
			SAMPLE							
			BETHEL							
			AUX VASES							
4317	SKELLY OIL CO.	CROSSVILLE LEASE	CYPRESS	20-4S-14W	400	2274*	5.1	37*	180	755*
			BETHEL							
			AUX VASES							
4393	SKELLY OIL CO.	OALY 'A'	CYPRESS	17-4S-14W	200*	738*	10.8*	109*	100*	351*
			BETHEL							
			AUX VASES							
*1016	SKILES OIL CORP.	SIEGERT BOTTOMS	CYPRESS	34-2S-14W		62		0		0
*3957	SKILES OIL CORP.	BROSTER 'F'	CYPRESS	35-2S-14W	3	186	0.0	36	1	42
*4222	SKILES OIL CORP.	SMITH-DAVENPORT	CYPRESS	15-4S-14W		147		4		2
*4287	SKILES OIL CORP.	CALVIN-GRIFFIN	CYPRESS	8-4S-14W		1		0		27
*4288	SKILES OIL CORP.	CALVIN GRIFFIN	AUX VASES	8-4S-14W		109		4		23
3935	SOHIO PETROLEUM	O G UPDEGRAFF 'A'	CYPRESS	14-3S-14W	0*	3391	33.7	1574	930	9083
			BETHEL		60	198			0	0
			MCCLOSKY		210	393	2.2	17	30	42
3997	SOHIO PETROLEUM	O.G. UPDEGRAFF 'A'	AUX VASES	14-3S-14W	32	338	8.6	67	49	125
4294	SOHIO PETROLEUM	GRAY 'C', 'H'	TAR SPRINGS	17,20,21-4S-14W	333	5530	19.9	818*	490	3278
			CYPRESS							
			BETHEL							
			AUX VASES							
*4223	SUN OIL CO.	GREATHOUSE	MCCLOSKY	33-4S-14W, 4-5S-14W		1088		129		227
*4269	SUN OIL CO.	FORD 'A' WATERFLOOD	MCCLOSKY	18-5S-14W		58		13		1
4293	SUN OIL CO.	FORD 'B'	CYPRESS	21-4S-14W	63	635*	4.1	33*	42	253*
			BETHEL		35	382*	1.5	15*	27	147*
			AUX VASES		17	463*	2.7	167*	62	661*
4235	SUPERIOR OIL CO.	KERN-HON UNIT	TAR SPRINGS	32,33-4S-14W	40	1956	1.6	536	20	889
4236	SUPERIOR OIL CO.	NEW HARMONY FIELD U	AUX VASES	21,27,28,29,32,33,34-4S-14W,3,4,5-5S-14W	97	16625	1132.9	10980	3108	24062
4237	SUPERIOR OIL CO.	NEW HARMONY FIELD U	BETHEL	26,27,28,29,32,33,34-4S-14W,3,4,5-5S-14W	178	32277	*	*	*	*
4238	SUPERIOR OIL CO.	WALTERSBURG SAND UNIT	WALTERSBURG	4,5,9-5S-14W	402*	15726*	0	1620*	0	2658
4280	SUPERIOR OIL CO.	FORD UNIT	DEGONIA	7,8-5S-14W	163	448	69.9*	685*	90*	910*
			WALTERSBURG	8-5S-14W	54	151				
			BETHEL	7,8-5S-14W	1	27				
			AUX VASES	7,8-5S-14W	59	2604	*	*	*	*
4302	SUPERIOR OIL CO.	N.H.R. UNIT	TAR SPRINGS	9-5S-14W	23	221	6.1	16	3	10

Field, County / Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-68				Injection water		Remarks
	Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Date first inj.	Date abd.	No. of wells: Inj.	No. of wells: Prod.	Acres under inj.	Source: SO = Sand, GR = Gravel, PROO = Produced, SH = Shallow / Type: (F) = Fresh, (8) = Brine, (M) = Mixed	
NEW HARMONY C, EDWARDS, WABASH, WHITE (CONTINUED)												
*3947 2400	12.0				01-55	12-57	1	3	40	SURFACE (F)		
3959 2420	22.0	20.0	200		11-58		7	5	270	GRAV, PROD (M)		*ESTIMATED
3976 1950	5.0	17.8		37.0	12-64		3	6	90	RIVER GRAV, PROO (M)		
2410	10.0	17.0		39.0		08-68	3	7	120			
3874 1700	11.0	12.0	82	35.0	01-68		5	11	190	SH GRAV, PROO (M)		
1775	8.0	12.0	56				7	10	200			
2420	26.0	15.0	72				14	39	600			
2550	10.0	12.0	15				17	26	510			
4242 1500	17.7	14.7	26		10-49		2	5	70	GRAV, PROO (M)		
1800	21.0						6	9	150			
2660	23.0						7	9	157			
2300	19.4						6	6	120			
2400	21.2						1	3	40			
4354 1825	28.0	12.5	20		09-60		1	2	47	SH SO, PROO (M)		*ILL VALUES ARE 21 PER CENT OF TOTAL, REMAINDER IN POSEY CO INDIANA
2530	35.0	19.0	100				1	2	47			
2780	29.0	19.2	50				1	2	47			
4312 2888	4.0	16.2	25	36.4	03-60		1	1	140	GRAVEL 8EO (F)		*INJ TEMP SUSPENDED 4-65
4226 2550	10.0				06-57		6	9	180	RIVER GRAVEL (F)		*ESTIMATED
2660	10.0				11-52		3	4	80			
2800	15.0				11-52		8	8	160			
3891 2320	12.0			34.4	10-63		2	5	160	SH SO, PROO (M)		
3892 2320	12.0			32.9	10-63		5	6	180	SH SO, PROO (M)		*EST 1965-67 DATA ONLY
*3955 2340	7.0			36.0	03-57	01-60	1	2	20	PROOUCED (8)		
4300 2598	18.0			35.6	01-61		7	8	150	SH SO, PROO (M)		*ESTIMATED
2800	13.0						0	2	20			
2910	10.0						1	2	60			
4392 2830	20.0	11.7	7	36.5	03-63		2	4	100	SH WELL (F)		
4303 2844	7.0				04-60		1	1	30	GRAVEL 8EO (F)		*INCL PRIM PROO SINCE 4-60
3896 2150	20.0				04-61		6	2	80	GRAVEL 8EO (F)		*INCL WITH 3938
3936 2520	8.0				11-52		6	5	120	GRAVEL 8EO (F)		*INCL WITH 3938
3937 2550	10.0				10-54		6	4	120	GRAVEL 8EO (F)		*INCL WITH 3938
3938 2640	14.0	17.1	44		12-51		19	9	260	GRAVEL 8EO (F)		*INCL 3896,3936,3937,3939,3940
3939 2640	14.0	17.1	44		12-51		24	9	255	GRAVEL 8EO (F)		*INCL WITH 3938
*3940 2115	25.0	20.1	171		12-50	09-64	5	3	80	GRAVEL 8EO (F)		*INCL WITH 3938
3965 1800	15.0				06-59		2	1	40	GRAVEL 8EO (F)		*INCL WITH 3938
4276 2550	14.0				06-59		3	4	80	SH SO, GRAV (F)		*ESTIMATED
2680	16.0						1	3	50			
2807	24.0						1	2	40			
4416 2698	30.0	18.0	150		07-67		1	1	20	PENN SO, PROO (8)		
3982 2300	13.0	16.1	90	36.8	02-61		9	7	155	SH SO (F)		*NO INJ 1968
3895 2075	16.0	20.0	140	36.8	04-63		2	4	60	PENN SO, PROO (8)		
3861 1718	12.0			35.9	01-68		1	3	40	PROOUCED (8)		
3886 2500	11.0	16.5	115	37.0	06-64		2	6	100	PROOUCED (8)		
2850	9.0						1	4	80			
3967 2550	22.0	15.0	36	38.4	08-60		7	4	160	SH SO, PROO (M)		
4401 2330	8.0				04-64		3	6	90	SH SO (F)		*ESTIMATED 1965-68
3962 2303	14.0			35.0	10-59		5	5	50	PROOUCED (8)		*ESTIMATED
4398 2552	20.0			37.0	12-63		2	2	40	SH SO, PROO (M)		
2662	20.0						2	2	40			
3928 2600	17.0	16.0	35	35.0	08-56		13	15	524	SH SO, PROO (M)		
4216 2600	9.0	15.0	8	35.0	09-56		12	8	240	GRAVEL 8EO (F)		*EST 1966-68 +INCL ALL PAYS
2650	11.0						3	2	60			
2800	14.3						9	11	200			
*4217 2900	9.4			34.5	09-56	12-59	4	7	120	GRAVEL 8EO (F)		
4320 2200	15.0			36.0	11-59		3	2	50	GRAVEL 8EO (F)		*ESTIMATED 1966-68
2580	11.5	17.0	30				13	13	280			
2690	10.0	11.0	13				3	3	60			
2710	15.0	11.0					3	2	60			
2830	18.0	20.0					15	15	320			
4317 2578	19.0			36.0	04-61		1	1	20	SH SO, PROO (M)		*ESTIMATED 1967-68
2672	19.0						1	1	20			
2845	18.0						2	2	40			
4393 2580	10.0			36.0	07-63		1	1	20	SH SO, PROO (M)		*ESTIMATED 1967-68
2680	13.0						1	2	40			
2830	10.0						1	2	40			
*1016 2566	12.0				08-58	02-62	1	2	30	GRAV, PROO (M)		
*3957 2531	13.0	17.0	20	39.5	10-56	04-66	2	1	20	GRAV, PROO (M)		
*4222 2630	10.0	17.7	145		05-55	10-57	1	2	30	TAR SPR, PROO (8)		
*4287 2552	10.0				09-59	12-62	1	2	30	GRAV, PROO (M)		
*4288 2800	20.0				09-59	12-64	2	2	40	GRAV, PROO (M)		
3935 2500	25.0	21.0	200	39.0	10-55		0*	4	120	PROOUCED (8)		*CYP INJ TERMINATED 12-62
2640	7.0	17.7			06-66		2	2	60			
2860	4.0				06-64		1	2	60			
3997 2770	10.0	19.0			06-62		2	4	100	PROOUCED (8)		
4294 2220	10.0				05-60		3	2	50	GRAVEL 8EO (F)		*OPERATOR REPORTS VERY LITTLE OIL RECOVERED FROM CYPRESS AND BETHEL
2580	11.0						7	5	120			
700	9.0						4	3	70			
2840	18.0						9	9	180			
*4223 2900	5.0			36.9	08-47	02-57	1	2	90	GRAVEL 8EO (F)		
*4269 2900	7.0			38.0	05-48	07-52	1	1	40	GRAVEL 8EO (F)		
4293 2600	9.0			36.0	03-53		1	3	50	PROOUCED (8)		*INCL DROPPED PROJ 4233, 4350
2700	9.0				03-53		1	2	20			
2885	10.0	13.0	30		03-53		1	1	30			
4235 2250	13.3	17.3	85	37.4	02-54		1	1	121	GRAVEL 8EO (F)		
4236 2830	8.9	17.9	48	37.0	11-56		4	35	660	RIVER GRAV, PROO(M)		*INCL 4237,4390,4391
4237 2710	12.4	15.4	32	37.0	11-56		3	48	1000	RIVER GRAV, PROO (M)		*INCL WITH 4236
4238 2206	43.0	19.2	475	38.0	10-53		1*	0	333	GRAV, PROO (M)		*ILLINOIS PORTION OF PROJ
4280 1930	6.0	16.0	50	36.0	11-65		4	8	100	GRAV, PROO (M)		*INCL ALL PAYS
2244	8.0	18.0	47	36.0	08-66		2	3	40			
2746	5.0	15.0	32	36.0	11-65		0	0	20			
2872	12.7	18.1	43	37.8	02-59		3	5	120			
4302 2207	10.0	18.0	46	37.0	02-66		1	2	80	GRAVEL 8EO (F)		

TABLE 11 - WATERFLOOD OPERATIONS IN ILLINOIS, 1968 - Continued

Field, County / Project no. * = ABO + = P.M.	Operator	Project U = Unit	Pay name	Location S - T - R	Production and Injection statistics (M bbls)					
					Water Injection		Oil production		Water production	
					Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68
NEW HARMONY C, EDWARDS, WABASH, WHITE (CONTINUED)										
4311	SUPERIOR OIL CO.	NORTHEAST UNIT	TAR SPRINGS	14,22,23,26,27,34-4S-14W	50	248	148.3*	411*	658*	1406*
			CYPRESS		1440	2007				
			BETHEL		98	267				
			AUX VASES		334	929				
			MCCLOSKY		401	1120				
4390	SUPERIOR OIL CO.	NEW HARMONY FIELD U	CYPRESS	27,28,29,32,33,34-4S-14W, 3,4,5-5S-14W	4104	15595	*	*	*	*
4391	SUPERIOR OIL CO.	NEW HARMONY FIELD U	WALTERSBURG	28,33,34-4S-14W	423	1728	*	*	*	*
			TAR SPRINGS	27,28,33,34-4S-14W			*	*	*	*
3948	A. K. SWANN	HEIL	CYPRESS	7,18-3S-14W	136	1874	33.2	517	53	516
3866	TEXACO, INC.	COWLING U	BIEHL	19,20,29,30-2S-13W	1118	3953	243.4*	1739*	1609*	3645*
			CYPRESS		1277	5936				
4290	TEXACO, INC.	M E GLAZE COOP	TAR SPRINGS	8,17-4S-14W	0	443	7.8*	599**	44	2427
			CYPRESS		0	366				
			BETHEL		1	2533				
			AUX VASES		8	1131				
*4333	TEXACO, INC.	BRAMLETT	TAR SPRINGS	17-4S-14W	*	163	+	49*	+	460*
4334	TEXACO, INC.	BRAMLETT	CYPRESS	17-4S-14W	3	443	4.4*	53*	13*	473*
4335	TEXACO, INC.	BRAMLETT	BETHEL	17-4S-14W	5	376	*	*	*	*
*4371	TEXAS AMERICAN	FORD	AUX VASES	21-4S-14W		229		131		44
4275	UNION OIL CALIF.	CALVIN CONSLO	TAR SPRINGS	9,16-4S-14W	898	9086	34.5	1647	712	5649
			CYPRESS							
			BETHEL							
			AUX VASES							
3910	UNIVERSAL OPRTNG	PARMENTER	CYPRESS	5-2S-13W	*	19	*	2		
			BETHEL							
3949	WEST DRILLING CO	RABER U	BIEHL	19-2S-13W 24-2S-14W	*	47*	*	17*		
4341	WEST DRILLING CO	O. EVANS	MCCLOSKY	4-4S-14W		4*	8.4*	121*		
1028	GEORGE WICKHAM	SCHROEDER	WALTERSBURG	26,27-2S-14W	250*	1164	30.5*	222	100*	193
			CYPRESS							
3981	CHARLES P. WOOD	G A STURMAN	BIEHL	10-1S-13W	48	398	1.9	76	7	119
			CYPRESS							
NEW HAVEN C, WHITE										
*4247	ATLANTIC RICHFLD	NEW HAVEN U	TAR SPRINGS	17-7S-11E	46	1844	1.0	696	2	73
			CYPRESS							
4278	ATLANTIC RICHFLD	G.N. BOETTICHER	CYPRESS	19-7S-11E	11	84	8.2	99	9	96
4289	ALVA C. DAVIS	GREATHOUSE ISLAND U	TAR SPRINGS	7-7S-11E, 7-7S-14W	53*	146*	7.2*	20*	14*	20*
			CYPRESS							
4351	ILL. LSE. OP.	WASEM	TAR SPRINGS	24-7S-10E	71	471*	0.9	21*	1	152*
4388	ILL. LSE. OP.	DEAD RIVER UNIT	TAR SPRINGS	13,18-7S-10E	114	594*	16.7	75*	23	90*
OAKDALE, JEFFERSON										
*2014	TEXACO, INC.	GREEN-VANDERHEID	AUX VASES	12-2S-4E		554		17		247
OAKDALE N, JEFFERSON										
2018	ILL. LSE. OP.	NORTH OAKDALE UNIT	MCCLOSKY	3-2S-4E	111	561	48.6	210	90	325
OAK POINT, CLARK, JASPER										
225	FOREST OIL CO.	FINNEY-PING-WARD	AUX VASES	31-9N-14W	940	1683	41.6	90	500	500
* 223	M AND E ORLG. CO	B. FINNEY	AUX VASES	31-9N-14W		73		7		81
OOIN, MARION										
*2600	ASHLAND O AND R	OOIN UNIT	CYPRESS	1,12,13-2N-1E, 6,7, 18-2N-2E		8034		1321		
OLD RIPLEY, BOND										
6	E. & B. MORRIS	RIPLEY U	PENN	21,28-5N-4W	20*	1015*	2.4*	78*	17*	242*
OLNEY C, JASPER, RICHLAND										
3426	BELL BROTHERS	DUNDAS SOUTH UNIT	SPAR MTN	3,10-4N-10E	447	2732	18.3	195	424	1779
3435	O T DRILLING	NORTH OLNEY U	SPAR MTN	28,32-4N-10E	24*	128	1.3*	6	3*	8
*3407	GULF OIL CO	EAST DUNDAS UNIT	MCCLOSKY	25,26,35,36-5N-10E		953		152		207
1903	ILL. LSE. OP.	BESSIE	MCCLOSKY	23-5N-10E	1	227	3.0	42	1	201
*1904	SOHIO PETROLEUM	DUNDAS EAST UNIT	OHARA	14-5N-10E		2003		142		1378
3408	TEXACO, INC.	EAST OLNEY	MCCLOSKY	23,24,25,26-4N-10E	11	3783	3.6	258	16	1235
3420	TEXACO, INC.	OLNEY WATER FLOOD	MCCLOSKY	27-4N-10E	83	4195	13.5	530	83	3147
*1914	TRI-STATE CASING*	MILLER-EUNICE	MCCLOSKY	23-5N-10E		1339		57		908
OLNEY S, RICHLAND										
*3422	RING AND KINSELL	KURTZ-MARTZ	MCCLOSKY	28-3N-10E		32		0		0
OMAHA, GALLATIN										
1439	ALVA C. DAVIS	CANE CREEK U	AUX VASES	4-8S-8E	90	180	5.5	14	21	52
1437	T. W. GEORGE	OMAHA S UNIT	AUX VASES	34-7S-8E,3,4-8S-8E	248	815	57.9	126	57	111
*1414	HUMBLE O AND R	OMAHA	PALESTINE	33-7S-8E, 4-8S-8E	419	5763	36.6	3087	236	4142
*1434	NAPCO	PHILLIPS FLOOD	SPAR MTN	32-7S-8E		40		7		2
OMAHA S, GALLATIN, SALINE										
*1432	DAVID ROTSTEIN	WOOLARD	CYPRESS	7-8S-8E		164		0		
ORCHARDVILLE, WAYNE										
4093	N. V. DUNCAN	HNSN,SHLTN,YOUNGBLOOD	AUX VASES	29-1N-5E	32	132	9.0	35		

Field, County / Proj. no.	Reservoir statistics (avg. value) Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Development as of 12-31-68 Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Injection water Source SD = Sand GR = Gravel PROD = Produced SH = Shallow / Type (F) = Fresh (B) = Brine (M) = Mixed	Remarks
NEW HARMONY C, EDWARDS, WABASH, WHITE (CONTINUED)												
4311	2193	8.0	16.0	40	36.0	02-66		1	13	160	GRAV, PROD (M)	*INCL ALL PAYS +INJ DISC 7-68
	2600	12.0	18.0	100				7	34	240		
	2741	10.0	16.0	37				0+	6	70		
	2850	19.0	15.0	12	36.0	12-66		3	5	230		
	2886	7.0	14.0	295		10-66		2	13	100		
4390	2550	10.0	17.0	37	37.0	08-64		114	131	2160	RIVER, PROD (M)	*INCL WITH 4236
4391	2120	10.0	18.0	47	37.0	08-64		13	33	400	RIVER, PROD (M)	*INCL WITH 4236
	2210	8.0	17.0	40	37.0	08-65		7	19	220		
3948	2450	15.0				11-55		5	11	140	GRAVEL BED (F)	
3866	1700	8.7	19.6	126	37.0	01-65		17	29	526	SH SD, PROD (M)	*INCL BOTH PAYS
	2460	11.1	19.2	59	37.0			27	29	801		
4290	2215	9.0			36.4	12-59	01-68	1	0	60	SH SD, PROD (M)	*INCL BETHEL, AUX VASES
	2570	11.0					01-68	1	0	120		+ALL PAYS
	2670	25.0						8	9	170		
	2825	12.0						8	9	170		
*4333	2296	16.0			38.3	11-61	01-68	2	4	80	SH SD, PROD (M)	*INCL WITH 4334
4334	2670	25.0			38.3	11-61		2	1	80	SH SD, PROD (M)	*INCL 4333,4335
4335	2670	25.0			38.3	11-61		2	2	80	SH SD, PROD (M)	*INCL WITH 4334
*4371	2830	25.0				02-63	12-67	1	2	30	GRAV, PROD (M)	
4275	2210	10.0	7.0	50		09-58		1	1	5	SH SD, PROD (M)	
	2575	6.5						3	3	62		
	2700	11.0						8	8	170		
	2810	18.0						9	9	180		
3910	2410	13.0			36.9	04-67		1	1	20	PRODUCED (B)	*NO DATA 1968
	2530	7.0						1	1	20		
3949	1740	15.0	20.6	39	37.0	10-56		1	4	50	SH SD (F)	*NO DATA SINCE 1957
4341	3000	5.0				10-49		1	4	50	GRAVEL BED (F)	*ESTIMATED, NO DATA SINCE 1961
1028	2150	12.0				06-64		3	6	120	SH SD, PROD (M)	*ESTIMATED 1967-68
	2640	12.0						2	4	60		
3981	1780	10.0	16.3	25	33.0	03-61		1	1	20	PURCH, PROD (B)	
	2235	12.0						2	1	30		
NEW HAVEN C, WHITE												
*4247	2090	7.0	17.5	50	39.0	07-54	05-68	2	4	175	SH SD (F)	
	2435	10.0						10	10	325		
4278	2435	12.0	15.0	45	36.0	08-59		1	4	40	SH SD (F)	
4289	2148	24.0	18.0	48	37.0	01-66		2	3	60	RIVER GRAV (F)	*13.9 OF TOTALS ALLOCATED
	2476	10.0	14.8	17				2	0	30		TO ILL PORTION OF PROJ
4351	2135	10.0	18.0	350	37.0	07-62		1	3	90	GRAVEL BED (F)	*1965 DATA EST
4388	2200	6.0	19.0	98	38.0	09-64		3	7	78	GRAVEL BED (F)	*1965 DATA EST
OAKDALE, JEFFERSON												
*2014	2870	15.0	20.2	120	36.5	08-61	12-64	3	2	100	PENN SD, PROD (B)	
OAKDALE N, JEFFERSON												
2018	2931	10.0				06-64		4	7	290	PONO, PROD (M)	
OAK POINT, CLARK, JASPER												
225	1190	12.0	13.1	40	36.6	04-67		20	12	220	GRAVEL BED (F)	
* 223	1180	20.0			36.6	10-58	12-60	2	6	80	PENN SD (B)	
OOIN, MARION												
*2600	1700	15.0	20.0	78	38.0	10-49	10-62	14	22	230	TAR SPR, PROD (B)	
OLD RIPLEY, BOND												
6	600	20.0			36.0	09-57		10	11	110	SH SD, PROD (M)	*ESTIMATED 1964-68
OLNEY C, JASPER, RICHLAND												
3426	2991	4.7	15.4	281	40.0	09-63		10	9	740	PENN SD (B)	
3435	2950	6.0				09-66		2	5	210	SH SD, CREEK (F)	*ESTIMATED 1967-68
*3407	2985	6.0	12.5		41.4	10-56	09-62	5	4	220	PENN SAND (B)	
1903	2925	5.0	12.0			01-61		1	1	80	PRODUCED (B)	
*1904	2900	8.0			35.0	04-55	05-61	4	7	120	CYPRESS (B)	
3408	3100	5.3	13.8	522	37.0	03-51		1	2	458	PRODUCED (B)	
3420	3000	13.0	13.8	500	37.0	11-46		1	4	280	PRODUCED (B)	
*1914	2940	14.0	16.8	775	40.0	05-54	12-66	1	1	40	PRODUCED (B)	
OLNEY S, RICHLAND												
*3422	3150	6.0				06-61	01-62	1	4	50	CYPRESS (B)	
OMAHA, GALLATIN												
1439	2678	30.0			37.6	11-65		2	8	100	SH SD, PROD (M)	
1437	2710	12.0	12.0		41.5	10-65		5	17	253	PENN SD (B)	
+1414	1700	17.0	18.9	427	26.0	10-44		1	16	280	PRODUCED (B)	
*1434	2760	20.0			37.0	05-65	11-66	1	3	40	CREEK, PROD (M)	
OMAHA S, GALLATIN, SALINE												
*1432	2541	19.0	12.9	24	27.0	10-60	12-63	1	1	20	TAR SPRINGS (B)	
ORCHARDVILLE, WAYNE												
4093	2835	10.0				08-65		1	3	40	SH SD, PROD (M)	

TABLE 11 - WATERFLOOD OPERATIONS IN ILLINOIS, 1968 - Continued

Field, County / Project no. * = ABO + = P.M.	Operator	Project U = Unit	Pay name	Location S - T - R	Water injection Total 1968	Water injection Cum. 12-31-68	Oil production Total 1968	Oil production Cum. 12-31-68	Water production Total 1968	Water production Cum. 12-31-68
OSKALOOSA, CLAY										
* 307	TEXACO, INC.	OSKALOOSA UNIT	8ENOIST	26,27,34,35-4N-5E	16	158	3.7	1219	120	3393
341	TEXACO, INC.	OSKALOOSA UNIT	MCCLOSKY	26,27,34,35-4N-5E	74	625	*	*	*	*
342	TEXACO, INC.	OSKALOOSA UNIT	AUX VASES	26,27,34,35-4N-5E	73	714	7.0*	93*	78*	248*
PARKERSBURG C, EDWARDS, RICHLAND										
3432	ACME CASING	RIOGLEY	MCCLOSKY	30-2N-14W	13*	82	1.3*	7	13*	44
*3415	CALVERT EASTERN	PARKERSBURG	MCCLOSKY	16,21-2N-14W		107		26*		43
*3424	CONTINENTAL OIL	KOERTGE '8'	8ETHEL	30-2N-14W		179		6		25
*3409	MARATHON OIL CO.	PARKERSBURG U	MCCLOSKY	8-3N-9E		5134*		159*		1859*
1017	V. T. ORLG. CO.	PARKERSBURG U	CYPRESS	6-1N-14W, 31-2N-14W	20*	911*	2.0*	145*	20*	470*
PASSPORT, CLAY										
354	GULF OIL CO	PASSPORT UNIT	MCCLOSKY	2-4N-8E, 35-5N-8E	282	1087	30.5	181	167	384
308	SHAKESPEARE OIL	STANLEY-HINTERSHER	MCCLOSKY	12-4N-8E	47	398	3.9	42*	21	158
327	SHAKESPEARE OIL	PASSPORT U	MCCLOSKY	11,12,14-4N-8E	878	9110	15.3	532	419	5660
PASSPORT S, CLAY, RICHLAND										
*3417	CONTINENTAL OIL	PASSPORT SOUTH UNIT	CYPRESS	18-4N-9E		406		43		76
PATOKA, MARION, CLINTON										
2601	KARCHMER PIPE	PATOKA 8ENOIST	8ENOIST	20,21,28,29-4N-1E	280	8225	4.9	6535	280	47787
2602	KARCHMER PIPE	PATOKA ROSICLARE	SPAR MTN	21,28,29-4N-1E	511	12219	8.4	1533	511	7238
2603	KARCHMER PIPE	STEIN UNIT	CYPRESS	28-4N-1E	*	220		63		228
2614	KEWANEE OIL CO.	W. PATOKA TRENTON U	TRENTON	1-3N-1W 6-3N-1E, 31,32-4N-1E	803	6060	33.0	448	388	2017
PATOKA E, MARION										
*2629	MOBIL OIL CORP.	F M PECCICORO	CYPRESS	34-4N-1E	3	138	0.2	7		9
2631	SHELL OIL CO.	EAST PATOKA UNIT	CYPRESS 8ENOIST	34-4N-1E	903	2691	55.2	244	582	2109
PATOKA S, MARION										
2627	JOE SIMPKINS OIL	PATOKA SOUTH	CYPRESS	4,5,8,9-3N-1E	1740*	6590	78.9*	733	576*	2148
2619	TROOP DRILLING	8ENOIST-SANDSTONE U	8ENOIST	5-3N-1E	145	459	37.1	198	145	393
PHILLIPSTOWN C, EDWARDS, WHITE										
4249	C. E. 8REHM	PHILLIPSTOWN UNIT	PENN CYPRESS	19,30-4S-14W,	134	460*	34.3	128*		80+
*4251	8RITISH-AMERICAN	N CALVIN UNIT	PENN	31-3S-14W		3686		1215		2777
*4344	COY OIL CO	GREEN	8ETHEL	30-3S-11E	1	61	0.2	11		8
4319	N. V. DUNCAN	METCALF	81EHL	31-3S-14W	150	365	2.6	26		
4298	EASON OIL CO.	CLARK WATER FLOOD	OEGONIA 8ETHEL AUX VASES	30-4S-11E	163*	1325*	26.6	67 127 50	35	456
4373	V. R. GALLAGHER	CLEVELAND TAR SPRGS U	TAR SPRINGS	25-4S-10E	45	238	16.8	107*	20	48
4387	V. R. GALLAGHER	KUYKENDALL WF UNIT	PENN OEGONIA	25-4S-10E	145	479	26.5	115	50	124
4224	GETTY OIL CO	N PHILLIPSTOWN U	OEGONIA CLORE	18,19-4S-11E	32	32	24.5	24	116	116
4342	GULF OIL CO	N. CALVIN 81EHL UNIT	81EHL	31-3S-14W	174	490	7.2*	28*	125*	358*
4395	GULF OIL CO	GARFIELD-PARSON	AUX VASES	7-4S-14W	104	1592	14.3	213	52	763
4243	HARRIS ORLG	RAWLINSON WF	CYPRESS 8ETHEL MCCLOSKY	29-3S-14W	79	158	18.0	23	36	126
4343	HARRIS ORLG	SEIFRIED WF	81EHL	30-3S-11E	51	423	5.4	24	24	173
4370	HARRIS ORLG	SEIFRIED WF	8ETHEL	30-3S-11E	73	442	7.2	16	12	31
4414	JARVIS 8ROS.	CLEVELAND	OEGONIA TAR SPRINGS	36-4S-10E,1-5S-10E, 31-4S-11E	300*	956*	104.0*	266*+	275*	625*
1029	KINGWOOD OIL CO.	JOHNSON COOP	MCCLOSKY	18-3S-11E	132	697	10.3	33	17	58
*4277	KIRBY PETROLEUM	W.P.B.S. UNIT	8ENOIST	26,35-4S-10E		1791		160		949
4284	W. C. MCBRIDE	ARNOLD	PENN AUX VASES	6-4S-14W	279	306	70.1	72	35	37
4250	MOBIL OIL CORP.	GRAYVILLE U	CYPRESS	20,29-3S-14W	20	787	3.0	143	24	544
*4252	MOBIL OIL CORP.	N CALVIN	81EHL	30,31-3S-11E		1156		426		499
4245	E. H. MORRIS EST	RAWLINSON	CYPRESS	29-3S-14W	*	15	*	2	1	1
*4369	E. H. MORRIS EST	MORRIS A, B	CYPRESS	19,30-3S-11E		109*		3*		
4215	PHILLIPS PET. CO	KERN U	TAR SPRINGS AUX VASES	35,36-4S-10E, 1,2-5S-10E	222	222	1.5	1	6	6
*4254	PHILLIPS PET. CO	LAURA	8ETHEL	19-4S-11E		197		16		51
4255	PHILLIPS PET. CO	PHILLIPSTOWN UNIT	8ETHEL AUX VASES	30,31-4S-11E, 31-4S-14W	9	1788	15.7	162	9	481
4349	ROYALCO, INC.	PHILLIPSTOWN U	OEGONIA TAR SPRINGS	1-5S-10E,6-5S-11E	205	1149	52.0	375	88	212
*4232	SKILES OIL CORP.	L.O. CLEVELAND	TAR SPRINGS	36-4S-10E		48		0		0
4225	SUN OIL CO.	CARR-RENSHAW	OEGONIA	18-4S-14W	100	100	5.0	5		
*4256	SUN OIL CO.	PHILLIPSTOWN U	CLORE	6-5S-11E		234		110		58
4257	SUN OIL CO.	PHILLIPSTOWN U	TAR SPRINGS	6-5S-11E	114	740	2.4	31	125	862
*4270	SUN OIL CO.	PHILLISPTOWN	TAR SPRINGS	6-5S-11E		58		0		251
4253	WEST ORILLING CO	FLORA UNIT	OEGONIA	24-4S-10E	33	1171	2.0	113	33	709
PHILLIPSTOWN S, WHITE										
4357	PERMIAN OIL, INC	GIVEN-BROWN	TAR SPRINGS	11-5S-10E	60*	369	5.7*	133		
RACCOON LAKE, MARION										
*2616	TEXACO, INC.	RACCOON LAKE UNIT	MCCLOSKY	3-1N-1E		1006		182*		1765*
*2617	TEXACO, INC.	RACCOON LAKE UNIT	SPAR MTN	3-1N-1E		747		*		*
2626	TEXACO, INC.	RACCOON LAKE UNIT	CYPRESS	3-1N-1E	162	830	0.7	24	352	1875
			8ENOIST		83	495				

Field, County / Proj. no.	Reservoir statistics (avg. value) Depth (ft)	Net pay thickness (ft)	Porosity ($)	Permeability (md)	Oil gravity (°API)	Development as of 12-31-68 Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Injection water Source SD = Sand GR = Gravel PROD = Produced SH = Shallow; Type (F) = Fresh (B) = Brine (M) = Mixed	Remarks
OSKALOOSA, CLAY												
* 307 2600	14.2	15.6	54	37.0	01-53	10-68		9	4	396	PENN SD, PRDD (B)	
341 2742	11.0			37.0	12-63			3	4	100	PENN SD, PROD (B)	*INCL WITH 342
342 2641	10.0	13.0		37.0	12-63			4	4	100	PENN SD, PROD (B)	*INCL 341
PARKERSBURG C, EDWARDS, RICHLAND												
3432 3190	8.0				04-65			1	3	80	PRODUCED (B)	*ESTIMATED
*3415 3060	10.0				01-55	01-56		2	7	160	PRDDUCED (B)	*INCL PRIM PRDD 1-55 TO 1-56
*3424 2960	15.0				09-59	07-64		1	1	20	PRODUCED (B)	
*3409 3130	8.0	18.0	800		03-55	12-64		5	5	200	CYPRESS, PRDD (B)	*INCL 3416
1017 2770	14.8	16.8	120	37.2	02-59			3	8	256	PENN SD, PRDD (B)	*ESTIMATED 1965-68
PASSPORT, CLAY												
354 3025	10.0	15.0	35	38.0	06-65			3	2	260	PENN SD, PRDD (B)	
308 3000	9.0			37.0	09-57			1	2	40	PRODUCED (B)	*INCL PRIM PROD SINCE 9-57
327 3000	10.0	16.9	911	38.2	07-58			5	8	305	CYPRESS, PROD (B)	
PASSPORT S, CLAY, RICHLAND												
*3417 2700	8.0	15.0	60		07-59	06-64		2	2	100	PENN SD, PRDD (B)	
PATOKA, MARION, CLINTON												
2601 1410	27.0	19.0	110	39.0	09-43			40	47	527	PRDDUCED (B)	
2602 1550	9.0	18.8	223	40.0	07-48			21	12	445	PRDDUCED (B)	
2603 1280	10.0	21.0	32	39.0	08-51			6	2	61	PRDDUCED (B)	*INJ SUSPENDED 12-63
2614 3930	17.0	8.0	3	43.0	06-61			11	14	520	PENN SD, PRDD (B)	
PATOKA E, MARION												
*2629 1370	19.0	19.2	62	38.6	06-66	01-68		2	1	30	TAR SPR, PRDD (B)	
2631 1350	18.0	20.0	139	36.0	06-65			5	12	150	TAR SPR, PRDD (B)	
1465	11.0	18.0	120					2	4	60		
PATOKA S, MARION												
2627 1360	15.1				08-64			29	29	580	TAR SPR, PRDD (B)	*ESTIMATED
2619 1456	14.0			36.5	02-64			4	9	140	TAR SPR, PRDD (B)	
PHILLIPSTOWN C, EDWARDS, WHITE												
4249 1950	10.0	13.0	36	36.0	06-65			3	5	90	PENN SD, PROD (B)	*INCL 4245 6-52 TO 5-57
2730	10.0							2	4	60		+1965-67 ONLY
*4251 1550	29.0	17.6	86	32.0	06-51	11-63		9	9	160	TAR SPR, PROD (B)	
*4344 2820	10.0	13.0	8	36.0	11-62	01-67		1	2	30	GRAV, PRDD (M)	
4319 1824	12.0			32.8	12-64			2	4	40	TAR SPR, PRDD (B)	
4298 1950	30.0	17.0	20	35.2	01-66			5	3	100	SH SD, PRDD (M)	*INCL ALL PAYS
2810	14.0					12-65		4	7	110		
2920	10.0	14.0	17			12-65		4	6	100		
4373 2310	9.0	18.3	68	33.9	10-63			3	4	150	PENN SD, PRDD (B)	*INCL PRIM PROD SINCE 10-63
4387 1490	15.0	18.7	35	35.8	07-64			4	5	170	PENN SD, PRDD (B)	
1975	20.0	15.0	40	34.3				2	2	40		
4224 1990	16.7	16.7		36.0	12-67			7	14	191	PENN SD (B)	
2035	6.0							3	4	80		
4342 1800	25.0	17.7		32.0	06-63			3	5	30	PRDDUCED (B)	*ESTIMATED 6-63 TO 8-66
4395 2885	15.0			38.5	04-61			2	3	222	PENN SD, PRDD (B)	
4243 2700	14.0			37.0	05-66			2	10	20	PRDDUCED (B)	
2800	8.0											
3000	3.0											
4343 1842	14.0	16.2	88	32.0	06-62			2	3	50	PENN SD, PROD (B)	
4370 2820	11.0	14.2	10	37.0	07-61			3	5	150	PENN SD, PRDD (B)	
4414					11-67			1	8	90	PRDDUCED (B)	*ESTIMATED 1966-68
					05-65			2	26	380		+INCL PRIM PROD
1029 3116	5.0	12.0	100	37.0	05-64			2	2	35	PENN SD, PRDD (B)	
*4277 2840	11.0	15.5	150	38.0	06-56	12-63		9	12	270	PENN SD, PROD (B)	
4284 1500	25.0	16.5	168		11-67			4	12	160	PENN SD, PRDD (B)	
2900	10.0	18.0	100					2	4	50		
4250 2850	27.4	18.4	64		08-54			2	4	60	PRDDUCED (B)	
*4252 1830	11.0			32.8	05-51	02-61		5	9	60	SH SD, PROD (M)	*INCL PRIM PROD
4245 2700	10.0				07-67			1	2	30	PURCHASED (M)	*NO DATA 1968
*4369 2700	10.0				08-63	12-65		3	4	40	SH SD (F)	*NO DATA SINCE 1964
4215 2380	13.0			36.0	03-68			1	2	30	WELL, PRDD (M)	
2950	18.0	20.0	60					3	5	90		
*4254 2800	10.0	15.0	46	37.0	03-52	01-64		2	5	20	PRDDUCED (B)	
4255 2800	18.0	15.0	50	36.0	10-57			1	3	160	PRDDUCED (B)	
2930	24.0	16.0	100					0	2	180		
4349 1970	10.0	18.3	35	37.7	09-62			6	10	200	RIVER, PRDD (M)	
2300	8.0	15.0	29	35.7				2	3	70		
*4232 2300	12.0				11-55	01-58		1	2	30	PENN SAND (B)	
4225 1995	5.0			36.0	01-68				6	65		
*4256 2000	10.0				12-55	06-60		1	5	50	PRODUCED (B)	
4257 2300	7.0			36.0	02-56			2	4	80	PRODUCED (B)	
*4270 2248	10.0			34.5	01-53	06-54		1	9	10	PRODUCED (B)	
4253 2000	15.0	19.0	100	37.0	09-53			2	2	25	PRDDUCED (B)	
PHILLIPSTOWN S, WHITE												
4357 2320	12.0	18.1	33		12-62			2	3	60	SH SD (F)	*ESTIMATED 1967-68
RACCOON LAKE, MARION												
*2616 1900	6.0	10.8	292	36.0	07-61	12-66		3	2	100	PRDDUCED (B)	*INC 2617
*2617 1860	6.0	13.3	448	36.0	07-61	12-66		2	2	80	PRDDUCED (B)	*INCL WITH 2616
2626 1650	15.0			35.0	03-65			3	6	120	PRDDUCED (B)	*INCL BOTH PAYS
1730	15.0							1	1	70		

Field, County / Project no. * = ABO + = P.M.	Operator	Project U = Unit	Pay name	Location S - T - R	Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
					Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68
RALEIGH, SALINE										
3615	WALTER OUNCAN	SPURLOCK	CYPRESS	2-8S-6E	17	92	4.1	40	5	22
3617	T. W. GEORGE	RALEIGH UNIT	CYPRESS	35-7S-6E, 2-8S-6E	589	2905	65.5	801		
*3605	KEWANEE OIL CO.	RALEIGH U	AUX VASES	10,15,16-8S-6E		1874		282		964
RALEIGH S, SALINE										
3618	HUMBLE O AND R	S. RALEIGH U	AUX VASES	20-8S-6E	163	757	21.2	92	72	220
3604	ILL. MID-CONT.	RALEIGH UNIT	AUX VASES	20-8S-6E	100*	1246*	2.4*	64*	100*	800*
3616	RK PET. CORP.	LEITCH ETAL	AUX VASES	20,21,28,29-8S-6E	179	846	11.2	43	5	82
RAYMOND E, MONTGOMERY										
*2900	OARE PETROLEUM	FOSTER-POGGENPOHL	PENN	15,22-10N-4W		38*		6*		15*
RICHVIEW, WASHINGTON										
4012	C. T. EVANS	RICHVIEW UNIT	CYPRESS	2-2S-1W	709	1193	62.0	112*	142	164
RITTER N, RICHLAND										
*3430	ZANETIS OIL PROP	SE OLNEY U	SPAR MTN	18-3N-1E		92		5		54
ROACHES N, JEFFERSON										
2009	TEXACO, INC.	ROACHES NORTH UNIT	BENOIST	5,8-2S-1E	178	2018	0	30	143	1751
ROCHESTER, WABASH										
3970	ASHLAND O AND R	NORTH ROCHESTER U	PENN WALTERSBURG	11,14-2S-13W	289	2353	20.0	393	160	813
3972	ASHLAND O AND R	ROCHESTER COOP	PENN	14-2S-13W	607	3912	14.2	235	146	603
3968	UNIVERSAL OPRTNG	KENNARO	BRIDGEPORT WALTERSBURG	14-2S-13W	1141	7887*	37.3	686*		
ROLANO C, GALLATIN, WHITE										
4214	ATLANTIC RICHFLO	ROLANO POOL U AREA II	CLORE WALTERSBURG TAR SPRINGS CYPRESS BETHEL AUX VASES	1,2,11,12,13,14-6S-8E 36-5S-8E	2227	2227	293.1	293	327	327
4396	FEAR AND OUNCAN	MOBLEY-GREER	TAR SPRINGS	25-6S-8E	12*	109	1.3*	37	6*	36
*4361	F. J. FLEMING	OOERNER UNIT WF	WALTERSBURG	12,13-7S-8E		1458		80		888*
4403	F. J. FLEMING	ROLAND U	CYPRESS BENOIST AUX VASES	1,12,13-7S-8E	366	663	21.5	35	0	11
*4262	T. W. GEORGE	PANKEY-MOOREHEAD UNIT	CYPRESS	17,20-7S-8E		55*		0		
1418	HUMBLE O AND R	S. ROLANO	AUX VASES	16,21,27-7S-8E	104	1302	20.4	154	105	575
4258	HUMBLE O AND R	S.W. ROLANO	WALTERSBURG AUX VASES	14,15,16-7S-8E	1596	23010	107.1	2151	453	6199
*4259	HUMBLE O AND R	STOKES U	HAROLDSBURG	5-6S-9E	4	755	0.6	543	3	1270
4266	HUMBLE O AND R	ROLANO AREA U I	CYPRESS BETHEL AUX VASES	2,11-7S-8E	986	2620	209.1	350	549	870
1413	IND. FARM BUR.	OMAHA U	WALTERSBURG	20,21,28,29-7S-8E	75	11945	13.7	574	7	3832*
4318	IND. FARM BUR.	E. ROLANO	AUX VASES	2,3-7S-8E	180	1675	5.4	106	65	411
4310	MOBIL OIL CORP.	GEN AMER LIFE	CLORE WALTERSBURG CYPRESS SAMPLE AUX VASES	1-7S-8E	67	67	4.4	4	6	6
*4347	E. F. MORAN, INC	NORRIS CITY	CYPRESS BETHEL	33-6S-8E	252*	771*	7.3	15		
4375	NAPCO	ATCHLEY	CLORE	17-6S-9E	123	140	3.3	9	17	30
4407	NAPCO	HUGHES FLOOD	CYPRESS	9-6S-9E	13	63	1.1	9	19	136
*4261	SHELL OIL CO.	IRON UNIT	HARDINSBURG	23,24,25-6S-8E		18512		2254		9380
4244	SUN OIL CO.	ROLANO WEST U	CYPRESS BETHEL AUX VASES MCCLOSKY	4,9-7S-8E	452	1805	26.1	78	232	677
*4260	UNION OIL CALIF.	STOKES-BROWNSVILLE U	HAROLDSBURG	36-5S-8E,31,32-5S-9E, 1,11,12-6S-8E,6-6S-9E	120	16366	3.3	2290	60	9607
4385	UNION OIL CALIF.	WALNUT GROVE U	TAR SPRINGS CYPRESS BETHEL AUX VASES OHARA SPAR MTN MCCLOSKY	7,8,17,18,19-6S-9E	3466	5334*	603.7	699*	504	642 *
4413	UNION OIL CALIF.	CROZIER-SILLIMAN	HAROLDSBURG	36-5S-8E	47	404*	7.3	27*	47	404*
1435	WAUSAU PET. CORP	GOSSETT	CYPRESS	19,20-7S-8E 18-7S-8E	96	586	21.5	69	36	56
RUARK, LAWRENCE										
2267	MOORE ENG	RUARK WFU	PENN	7-2N-12W	63	375	11.8	96	12	49
RUARK W C, LAWRENCE										
2284	CITIES SERVICE	W. RUARK U	BETHEL	12,13-2N-13W	689	2590	105.5	364	491	1140

Field, County / Proj. no.	Reservoir statistics (avg. value) Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Development as of 12-31-68 Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Injection water Source SD = Sand GR = Gravel PROD = Produced SH = Shallow Type (F) = Fresh (B) = Brine (M) = Mixed	Remarks
RALEIGH, SALINE												
3615 2550	10.0			32.0	05-64		1	1	20	PENN SD, PROD (B)	
3617 2553	14.0			33.7	05-62		18	14	350	CYPRESS, PROD (B)	
*3605 2945	10.0	24.0	472	39.0	10-60	12-66	3	1	30	PAINT CK, PROD (B)	
RALEIGH S, SALINE												
3618 2840	12.5	18.4	130	38.0	08-64		3	4	80	PENN SD, PROD (B)	
3604 2850	15.0	*	176	40.4	12-60		1	3	40	PENN SD, PROD (B)	*ESTIMATED SINCE 1964
3616 2850	15.0	15.0		36.0	03-64		3	1	110	PRODUCED (B)	
RAYMOND E, MONTGOMERY												
*2900 595	6.0			34.1	08-59	12-67	2	2	20	PENN SD, PROD (B)	*ESTIMATED
RICHVIEW, WASHINGTON												
4012 1485	13.0	21.0	117	39.0	10-66*		6	10	97	TAR SPR, PROD (B)	*INCL PRIM PROD SINCE 3-66
RITTER N, RICHLAND												
*3430 3190	4.0			38.8	09-64	12-65	1	3	160		
ROACHES N, JEFFERSON												
2005 1930	10.7	14.8	134	37.2	08-60		1	11	460	PRODUCED (B)	
ROCHESTER, WABASH												
3970 1285	12.0	19.0	100	40.1	07-60		4	4	80	GRAVEL BED (F)	
1960	20.0	18.9	100				4	5	90		
3972 1285	12.0			30.5	01-60		5	3	70	GRAV, PROD (M)	
3968 1350	30.0	17.0	150	33.0	07-60		5	8	80	SH SD, GRAV (F)	*INCL DROPPED PROJ 3987
1950	20.0	18.0	200	37.0			5	5	80		
ROLAND C, GALLATIN, WHITE												
4214 1900	9.0				04-68		4	7	120	WELL, PROD (M)	
2200	12.0						16	25	440		
2250	7.0						2	6	90		
2500	11.0						13	25	400		
2750	14.0						21	32	550		
2900	21.0						4	31	150		
4396 2332	10.0	23.9	77		02-62		1	2	80	PRODUCED (B)	*ESTIMATED 1967-68
*4361 2200	15.0	18.0		31.0	06-62	01-68	4	4	80	PENN SD, PROD (B)	*ESTIMATED
4403 2600	10.0	15.2	38		01-67		8	14	230	PENN SD (B)	
2800	15.0										
2920	9.0										
*4262 2620	20.0	14.0	16		10-56	12-58	2	2	40	TAR SPR, PROD (B)	*ESTIMATED, D.F.
1418 2920	15.0	16.2	61	40.0	06-59		3	4	62	PENN SD (B)	
4258 2175	14.0	19.5	275	31.0	06-55		10	19	560	PENN SD, PROD (B)	
2900	12.0			39.0			2	4	40		
*4259 2530	11.6	18.8	256	35.8	07-54	12-66	1	2	128	PRODUCED (B)	
4266 2700	20.0	16.6	65	31.6	06-66		14	12	430	PENN SD, PROD (B)	
2775	9.0	12.4	12				1	4	130		
2900	6.0	13.8	14				8	15	910		
1413 1695	14.0	19.0	225	37.2	03-53		6	4	336	PRODUCED (B)	*ESTIMATED
4318 2935	20.0	14.2	4	35.6	12-61		8	8	260	SH SD, PROD (M)	
4310 1960	6.0	18.7	150		10-68		3	2	50	FRESH, PROD (M)	
2185	12.0	19.8	264				3	4	70		
2620	5.0						2	2	40		
2800	8.0	13.3	73				3	4	70		
2900	8.0	12.0	70				1	2	30		
*4347 2685	5.0				07-66	10-68	2	2	40		*INCL BOTH PAYS
2800	30.0						4	4	80		
4375 1991	12.0			38.0	08-67		2	1	20	PALESTINE, PROD (B)	
4407 2740	14.0			37.0	04-65		1	1	20	PRODUCED (B)	
*4261 2500	25.0	17.6	152	37.0	12-50	04-66	20	24	440	CYPRESS, PROD (B)	*NO DATA AFTER 4-20-66
4244 2620	14.0	14.0	34	37.0	02-66		7	12	200	PENN SD (B)	
2725	9.0	11.0					5	12	180		
2925	15.0	16.5	55				6	9	160		
3000							1	1	40		
*4260 2628	15.0	17.0	106		08-55	08-67	3	4	1142	PENN SD, PROD (B)	
4385 2300	12.4				02-67+		14	14	284	PRODUCED (B)	*DUMP FLOOD DATA INCL OF INJ SINCE 12-51. FIRST OF DATA 1964
2640	10.5	18.0	60				13	14	302		+UNIT EFFECTIVE 7-66
2880	22.0	17.0	50				20	20	449		
2900	10.0						13	13	278		
2940	3.0						5	5	100		
2970	3.0						5	5	100		
3060	1.3						2	2	63		
4413 2636	14.0	17.0	106	38.0	03-63		2	3	280	PRODUCED (B)	*NO DATA BEFORE 1965
1435 2550	12.0	18.5	80	38.0	07-64		3	7	100	PENN SD, PROD (B)	
RUARK, LAWRENCE												
2267 1640	8.0	16.0	105	33.8	04-63		1	5	56	SH SD (F)	
RUARK W C, LAWRENCE												
2284 2250	17.0	16.0	100	38.0	08-65		19	17	279	TAR SPR, PROD (B)	

TABLE 11 - WATERFLOOD OPERATIONS IN ILLINOIS, 1968 - Continued

Field, County / Project no. * = ABD + = P.M.	General Information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68
RURAL HILL N, HAMILTON										
1515	ACME CASING	MOORE UNIT	CYPRESS	34,35-5S-5E	36*	1539	3.0*	210	36*	544
ST FRANCISVILLE, LAWRENCE										
2263	HAROLD BRINKLEY	PEPPLE AND MOODY	BETHEL	19,20-2N-11W	60*	462*	2.0*	16*	8*	23*
*2278	LOGAN OIL CO.	WILSON 'B'	BETHEL	20-2N-11W		31		0		
*2228	OIL RECOVERY, INC	ST FRANCISVILLE	BETHEL	20-2N-11W		90		0		
ST. FRANCISVILLE E, LAWRENCE										
2218	BAUER BROTHERS	ALL STATES LIFE	BETHEL	22-2N-11W	80	2996	19.0	215	41	1078
ST JACOB, MADISON										
2506	ATLANTIC RICHFLD	ELLIS WF	TRENTON	27,34-3N-6W	394	1137	18.1	54	81	280
2503	WARRIOR OIL CO.	TRENTON LIME UNIT	TRENTON	15,16,21,27-3N-6W	702	3869	61.8	410	411	2016
2505	WARRIOR OIL CO.	S. ST. JACOB UNIT I.	TRENTON	27-3N-6W	262	751	9.4	30	204	621
ST JAMES, FAYETTE										
1245	W. L. BELOEN	ST JAMES	CARPER	25-6N-2E	80	194	2.7*	9*	80	194
1250	W. L. BELOEN	ST JAMES NORTH	CARPER	19-6N-3E	150	373	9.0*	35*	150	373
1238	GULF OIL CO	WILLIAM SMAIL	CYPRESS	36-6N-2E	137	718	17.8	164	187	1307
1240	MARATHON OIL CO.	ST. JAMES 1-C	CYPRESS	36-6N-2E, 30,31-6N-3E	575	4141	138.6	607	596	2022
*1222	HENRY ROSENTHAL	WASHBURN	CYPRESS	30-6N-3E		1000*		198*		1000*
1239	TEXACO, INC.	ST. JAMES WF	CYPRESS	25-6N-2E,30,31-6N-3E	455	773	16.7	33	509	1599
STE MARIE, JASPER										
1912	MURVIN OIL CO.	STE. MARIE	SPAR MTN	7-5N-11E	*	*	4.2+	18+		
*1905	J. R. RANDOLPH	STE. MARIE WF	MCCLOSKY	5,6,7,8-5N-14W		1900		191		62
1920	J. R. RANDOLPH	WADE 2	MCCLOSKY	5,6-5N-14W	*	120	*	6	*	63
1923	S AND M OIL CO.	STE MARIE U	MCCLOSKY	6-5N-11E	362	362	6.5	7	5	5
SAILOR SPRINGS C, CLAY, EFFINGHAM, JASPER										
* 318	ASHLAND O AND R	E. FLORA	MCCLOSKY	16,21-3N-7E		2173		195		2605
328	ASHLAND O AND R	SAILOR SPRINGS	TAR SPRINGS CYPRESS	26-4N-7E	97	2073	6.3	129	123	1529
1100	ASHLAND O AND R	BIBLE GROVE	SPAR MTN MCCLOSKY	28,29-6N-7E	192	3864	11.1	409	189	1243
1109	ATLANTIC RICHFLD	BIBLE GROVE U.SO.U.	CYPRESS	27,28,34-6N-7E	638	2955	150.9	904	300	1361
* 309	CITIES SERVICE	WYATT	AUX VASES	13-5N-7E		848		40*		446*
* 334	CITIES SERVICE	WYATT	SPAR MTN	13-5N-7E		23		*		*
361	CONTINENTAL OIL	BATEMAN UNIT	CYPRESS	25,26,35-5N-7E	188	616	11.6	32	8	32
329	ALVA C. DAVIS	N SAILOR SPRINGS	CYPRESS AUX VASES SPAR MTN	2-4N-7E,35-5N-7E	249	3321	10.9	159	89	1239
359	WALTER DUNCAN	GOULD UNIT	CYPRESS	15-5N-7E	395	887	279.8	662	134	194
1102	WALTER DUNCAN	BRINK	CYPRESS	34-6S-7E	233	1003	80.2	385	174	314
* 310	GULF OIL CO	R. KECK	CYPRESS	26-4N-7E		65		11		37
* 339	GULF OIL CO	SAILOR SPRINGS UNIT	CYPRESS	26-4N-7E		315		49		70
356	GULF OIL CO	BIBLE GROVE UNIT	CYPRESS	10-5N-7E	1251	3617	176.2	1045	903	1671
1107	JET OIL CO.	BLUNT COMM U	MCCLOSKY	17,20-6N-7E	179	896	4.7	100	170	586
319	KINGWOOD OIL CO.	SAILOR SPRINGS U	CYPRESS	13-5N-7E	481	614	28.4	46	56	84
*1103	KINGWOOD OIL CO.	NADLER AND JOEPGENS	CYPRESS SPAR MTN	28-6N-7E		1834		101		888
352	MAC OIL COMPANY	BIBLE WF UNIT	CYPRESS	9-4N-7E	194	917	21.0	172	44	290
* 312	W. C. MCBRIDE	GOLDSBY-DICKEY	CYPRESS	34-4N-7E		622		31		142
* 313	W. C. MCBRIDE	DUFF-KECK	CYPRESS	26,35-4N-7E		1845		140		681
* 314	W. C. MCBRIDE	BOTHWELL	CYPRESS	14-3N-7E		98		5		
344	W. C. MCBRIDE	OEHART	CYPRESS	9-3N-7E	108	450	13.3	58	84	305
348	W. C. MCBRIDE	STASER U	CYPRESS	12,13,14-3N-7E	294	1124	22.6	139	69	234
311	MCCOLM, KINCAID	SAILOR SPRINGS	CYPRESS	14,15,23-4N-7E	480	6979	12.5	1023	230	3203
336	MCCOLM, KINCAID	NORTH HOOSIER UNIT	CYPRESS	10-4N-7E	305	2174	13.9	456	265	1166
355	MCCOLM, KINCAID	BIBLE GROVE WF UNIT	CYPRESS	15,22-5N-7E	569	1545	256.1	634	210	335
340	MOBIL OIL CORP.	NORTH HOOSIER U	CYPRESS	15-4N-7E	339	1608	13.2	274	148	864
1113	FRANCIS M PIERCE	RENNEKAMP	CYPRESS	33-6N-7E	18	23	1.4	1	18	23
* 333	BERNARD POOLSKY	C. BOWERS	MCCLOSKY	16-3N-7E		231		44		182
* 343	RAY-OBER OIL CO.	HASTINGS	CYPRESS	23-4N-7E		118*		7*		
350	SHAKESPEARE OIL	STANFORD UNIT	SPAR MTN	22-3N-7E	54	187	2.6	13	17	71
* 315	SHULMAN BROTHERS	COLCLASURE AND HAROY	CYPRESS	10-3N-7E		1177		28		496
* 316	SHULMAN BROTHERS	NEFF	MCCLOSKY	16-3N-7E		99		3		
* 325	SHULMAN BROTHERS	LEWIS-CYPRESS	CYPRESS	13-5N-7E		84		5		84
1106	SOHIO PETROLEUM	ROSICLARE LIME UNIT	SPAR MTN	5-5N-7E, 32-6N-7E	372	3830	34.3	730	310	1821
360	TEXACO, INC.	NORTH BIBLE GROVE U	CYPRESS	3,4,5,8,9,10-5N-7E, 32-6N-7E	3496	6337	852.5	1787	1457	2254
SALEM C, JEFFERSON, MARION										
2612	T. M. CONREY, JR	SEBASTIAN	BENOIST	21-1N-2E	36	143	*	13		
+2006	HUMBLE O AND R	DIX R. AND PM.	BENOIST	3,4,9,10,15,16-1S-2E	1400	18822	324.9	13138	1007	13418
2010	HUMBLE O AND R	SALEM CONS	AUX VASES	3,4,10-1S-2E	2143	16162	95.0	772	1532	11766
2618	ILL. LSE. OP.	PHELPS-WALNUT HILL U.	SPAR MTN	28,33-1N-2E	328	1247	29.2	132	82	186
2624	WILLIAM PFEFFER	LUTTRELL	SPAR MTN	15-1N-2E	7	14	*	1		
*2604	TEXACO, INC.	ROSICLARE SAND UNIT	SPAR MTN	15-1N-2E		1913		96		207
2605	TEXACO, INC.	SALEM UNIT	BENOIST	T1,2N-R2E	21715	451823	554.5	39268	20807	242303
2606	TEXACO, INC.	SALEM UNIT	DEVONIAN	T1,2N-R2E	8697	102652	511.3	2928	10358	60378
2607	TEXACO, INC.	SALEM UNIT	MCCLOSKY	T1,2N-R2E	24249	302743	878.3	19342	22567	184702
2608	TEXACO, INC.	SALEM UNIT	AUX VASES	T1,2N-R2E	28679	249061	1256.6	27376	22259	134203
SAMSVILLE N, EDWARDS										
*1010	ASHLAND O AND R	WEST SALEM	BETHEL	30-1N-14W		319		7		

Field, County / Proj. no.	Reservoir statistics (avg. value) Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Development as of 12-31-68 Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Injection water Source SD = Sand GR = Gravel PROD = Produced SH = Shallow; Type (F) = Fresh (B) = Brine (M) = Mixed	Remarks
RURAL HILL N, HAMILTON												
1515	2400	10.0	13.8	22	35.5	05-60		3	2	140	PROOUCED (B)	*ESTIMATED
ST FRANCISVILLE, LAWRENCE												
2263	1840	12.0			41.0	04-62		1	5	80	GRAV, PROO (M)	*ESTIMATED 1963-68
*2278	1850	10.0	18.5	65		11-64	12-66	1	1	30	CYPRESS (B)	
*2228	1865	12.0	17.5	43	38.0	12-50	06-54	2	1	30	SH SD, PROO (M)	
ST. FRANCISVILLE E, LAWRENCE												
2218	1740	27.0	17.0	40	36.5	11-57		5	7	160	RIVER GRAVEL (F)	
ST JACOB, MADISON												
2506	2340	20.0	6.0		35.6	11-65		4	7	230	SH SD, PROD (M)	
2503	2351	15.7	9.6	11	37.0	08-62		12	12	442	AUX VASES, PROO (B)	
2505	2320	18.0	9.6		36.0	11-65		2	6	180	AUX VASES, PROD (B)	
ST JAMES, FAYETTE												
1245	3130	42.0			37.4	12-65		1	5	80	PROOUCEO (B)	*INCL PRIM PROD SINCE 1-66
1250	3100	20.0				01-66		1	5	80	PROOUCEO (B)	*INCL PRIM PROO SINCE 1-66
1238	1560	16.0	20.0	150		07-63		3	6	50	PROOUCEO (B)	
1240	1600	22.0	18.0	230		08-63		13	28	588	PROOUCEO (B)	
*1222	1595	20.0			34.0	03-54	12-62	3	9	100	PROOUCEO (B)	*1959-1962 ESTIMATEO
1239	1600	13.4	19.6	186	37.0	05-63		8	15	200	PROOUCEO (B)	
STE MARIE, JASPER												
1912	2910	10.0			36.2	11-61		2	6	160	CYPRESS (B)	*O F, UNKOWN +EST 1962-68
*1905	2860	7.0				10-48	12-60	1	14	400	CYPRESS (B)	
1920	2822	5.0			37.0	01-66		1	2	60	RIVER GRAVEL (F)	*NO OATA 1968
1923	2850	8.0	15.0	300	39.0	04-68		2	5	140	GRAVEL 8EO (F)	
SAILOR SPRINGS C, CLAY, EFFINGHAM, JASPER												
* 318	2950	6.0	16.0	800	36.7	11-56	12-66	1	5	160	PROOUCEO (B)	
328	2300	7.0	20.0		32.7	04-58		1	8	150	PROOUCEO (B)	
	2600	7.0	19.0					1	7	100		
1100	2850	4.0			37.0	07-54		1	1	40	CYP,TAR SPR,PROO (B)	
	2870	5.0						3	3	180		
1109	2520	7.0			38.0	01-65		9	17	385	SH SO, PROO (M)	
* 309	2770	9.2	17.0	50	35.0	09-53	12-61	2	2	40	PENN SO, PROO (B)	*INCLUOES 334
* 334	2845	10.0				01-61	01-62	1	1	20	PENN SO, PROO (B)	*INCLUOED WITH 309
361	2570	11.0	17.0	31		01-66		2	4	240	PROOUCEO (B)	
329	2560	8.0			36.0	11-56		3	4	100	PENN SO, PROO (B)	
	2800	15.0						3	2	80		
	2880	6.0						4	3	140		
359	2500	15.0	16.0	130		01-66		4	9	130	PENN SO (B)	
1102	2530	18.0				12-57		2	6	90	PENN SO, PROO (B)	
* 310	2602	10.0				09-57	03-60	1	1	20	PROOUCEO (B)	
* 339	2600	20.0	16.0	10	37.6	06-63	07-66	3	3	60	PROOUCEO (B)	
356	2485	20.0	16.0	50	38.0	12-65		12	13	260	PENN SO, PROO (B)	
1107	2860	5.0				11-62		3	5	60	LAKE, PROO (M)	
319	2600	12.0			36.5	07-67		4	12	320	CYPRESS SO (B)	
*1103	2856	9.0				06-55	07-65	3	3	100	CYPRESS, PROO (B)	
	2863	6.0										
352	2600	20.0	18.0	24	37.7	09-63		4	11	160	PENN SO, PROO (B)	
* 312	2580	15.0	15.4	17	38.0	09-55	10-64	1	2	50	PROOUCEO (B)	
* 313	2600	12.0	19.0	60	38.0	07-53	09-66	2	5	120	PROOUCEO (B)	
* 314	2650	10.0	19.0	20	36.0	08-56	12-59	1	1	20	PROOUCEO (B)	
344	2610	15.0	17.5	50		11-64		3	2	40	PENN SO, PROO (B)	
348	2620	20.0	16.0	20		06-65		8	5	100	PENN SO, PROO (B)	
311	2600	15.1	17.3	48	37.0	07-54		15	9	250	CYP SO, PROO (B)	*INCL PRIM PROO SINCE 7-54
336	2580	15.0	17.0	50	36.0	12-62		10	12	220	PENN, PROO (B)	
355	2500	18.0	18.0	80		12-65		7	13	200	PENN SO, PROO (B)	
340	2600	12.0	18.7	40	37.0	08-62		10	5	140	PENN SO (B)	
1113	2550	16.0			37.0	08-67		1	3	40	PROOUCEO (B)	
* 333	3000	6.0	10.0	500	36.0	09-61	04-66	1	3	40	PROOUCEO (B)	
* 343	2600	16.0	17.0	56	37.4	10-63	12-66	1	1	40	PENN SO, PROO (B)	*1964-1966 ESTIMATEO
350	2990	10.0				12-65		1	4	30	SH SO, PROO (M)	
* 315	2620	15.0	16.4	16	36.0	07-57	06-65	1	1	80	PROOUCED (B)	
* 316	3000	5.0			36.0	01-57	12-59	2	1	80	TAR SPRINGS (B)	
* 325	2510	8.0			36.0	01-66	09-67	1	1	30	PROOUCEO (B)	
1106	2800	10.0			38.5	06-61		6	8	720	GRAV, PROO (M)	
360	2475	30.0	16.3	67	37.0	07-66		28	38	1320	PENN SO (B)	
SALEM C, JEFFERSON, MARION												
2612	1927	8.0			34.6	01-59		1	2	10	PROOUCED (B)	*NO OIL OATA 1968
+2006	1950	19.0	16.7	130	38.0	01-48		4	54	2078	PENN SO, PROO (B)	
2010	2000	16.0	14.0	20	38.0	08-60		34	37	1090	PENN SO, PROO (B)	
2618	2102	7.0	12.0		39.2	06-63		4	11	260	PENN SO, PROO (B)	
2624	2100	15.0				01-67		1	2	30	PROOUCEO (B)	*NO OIL OATA 1968
*2604	2093	14.0	11.5	43	36.5	04-50	08-62	3	5	100	PROOUCED (B)	
2605	1770	28.0	17.9	150	37.0	10-50		186	78	8247	LAKE, PROO (M)	
2606	3400	19.0	16.8	300	36.5	10-50		44	31	5414	UPPER SD, PROD (B)	
2607	1950	20.0	15.8	700	37.0	04-51		155	105	7712	LAKE, PROD (M)	
2608	1825	26.0	16.3	28	37.0	10-50		173	118	4881	LAKE, PROO (M)	
SAMSVILLE N, EDWARDS												
*1010	2930	5.0				09-54	02-59	1	1	20	PRODUCED (B)	

TABLE 11 - WATERFLOOD OPERATIONS IN ILLINOIS, 1968 - Continued

Field, County / Project no. * = ABO + = P.M.	General information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68
SCHNELL, RICHLAND										
3439	UNION OIL CALIF.	SCHNELL CONSOL	MCCLOSKY	7-2N-9E	54	54	5.2	5	1	1
SEMINARY, RICHLAND										
*3410	R. JOHNSON	SEMINARY	MCCLOSKY	17-2N-10E		889		25		290
SESSER C, FRANKLIN										
1306	WILL I. LEWIS	SESSER U	RENAULT	17,19,20-5S-2E	*	1574*	1.3	173	*	75*
1318	NAPCO	OLD BEN COAL FLOOD	AUX VASES CLEAR CREEK	13,14,23,24-6S-1E	643	2921	93.0	441	397	1367
1325	TEXAS AMERICAN	SESSER UNIT	AUX VASES	35-5S-1E	230	899	79.8	662	131	340
SHATTUC, CLINTON										
410	T. M. CONREY, JR	SHATTUC WF	CYPRESS BENOIST	27,28-2N-1W	76*	460*	7.0*	84*		
SHAWNEETOWN N, GALLATIN										
*1416	SUN OIL CO.	L. MILLER	AUX VASES	7-9S-10E		357		48		163
SIGGINS, CLARK, CUMBERLAND										
216	ACME CASING	UNION GROUP	SIGGINS	18-10N-11E	500*	23374	14.4*	2696	480*	20627
700	BELL BROTHERS	FLOOD 1	SIGGINS	13-10N-10E	37	643	6.6	238	58	638
707	SAM E. BOXELL	REEDER	PENN	24-10N-10E	1	1	0.0	0	1	1
* 701	COCHONOUR, CLARK	VEVAY PARK	SIGGINS	25-10N-10E		255		2		103
702	FOREST OIL CO.	SIGGINS	SIGGINS	13,14-10N-10E, 7,11,12-10N-11E	3116	82728	213.6	11982		
215	OMER H. OOLE	SIGGINS	SIGGINS	7-10N-14W 7-10N-11E	*	2887	*	285	*	1273
SORENTO C, BOND										
* 5	JOE A. OULL	SORENTO SOUTH	LINGLE	29-6N-4W		88		4		57*
STAUNTON W, MACOUPIN										
2400	J. WAITUKAITIS	DEHNE	PENN	16-7N-7W	*	16*	*	1*	*	2*
STEWARDSON, SHELBY										
3800	W. L. BELDEN	CHAFFEE-HARPER-WABASH	AUX VASES	27-10N-5E	97	804	25.0	42*	97	804
3801	TROOP DRILLING	MORT MORAN	AUX VASES SPAR MTN	27-10N-5E	120	1021	11.2	101	120	511
STORMS C, WHITE										
4234	ATLANTIC RICHFLD	S STORMS EXTENSION	WALTERSBURG	12,13-6S-9E	1163	3258	107.8	166	423	550
4263	ATLANTIC RICHFLD	STORMS POOL UNIT	WALTERSBURG	2,11-15,22-24-6S-9E	5486	107934	115.9	2649	4967	62805
4399	ATLANTIC RICHFLD	N STORMS EXT COOP	WALTERSBURG TAR SPRINGS AUX VASES	1,6,12-6S-9E	957	5432	87.9	332	1037	3390
4204	C. E. BREHM	R-B U	WALTERSBURG	13-6S-9E	334	900	88.2	100		48*
4241	JACK BROOKOVER	W. S. HANNA	PENN	28-5S-10E	61	199	2.6	13	28	134
4240	ALVA C. DAVIS	POMEROY	AUX VASES	28-5S-10E	74	176	3.5	4	4	4
*4271	MABEE PET. CORP.	STORMS	WALTERSBURG	22-6S-9E		90		0		0
4248	PACIFIC OPERATIO	ALDRIDGE	WALTERSBURG AUX VASES	12-6S-9E	660*	2534	57.6*	187		
*4296	BERNARD POODLSKY	MCQUEEN	DEGONIA CLORE	32-5S-10E		1873		210		721
4415	SO. TRIANGLE CO.	WILSON	WALTERSBURG	22-6S-9E	720*	781	65.9*	109	75*	80
4295	TAMARACK PET.	HANNA	CLORE	32-5S-10E	100	1586	28.6*	303*	64*	653*
*4327	TAMARACK PET.	CALVERT	CLORE	32-5S-10E		402		2		19
4372	TAMARACK PET.	HANNA	BIEHL	32-5S-10E	79	228	*	*	*	*
4285	TARTAN OIL CO.	FERGUSON-RUDOLPH	PENN	22-5S-10E	1	1	0.0		1	1
STRINGTOWN, RICHLAND										
*3411	N. C. DAVIES	STRINGTOWN	MCCLOSKY	31-5N-14W		257		19		289
*3412	HELMERICH, PAYNE	STRINGTOWN WF	MCCLOSKY	31-5N-14W		171		5		57
*3413	SKELLY OIL CO.	PETER VON ALMEN	MCCLOSKY	31-5N-14W		324		59		242
SUMPTER E, WHITE										
4231	T. W. GEORGE	SUMPTER E	AUX VASES SPAR MTN	31,32-4S-10E,5-5S-10E	635	1918	55.8	101	118	244
4408	NAPCO	CARMI	AUX VASES SPAR MTN	12-5S-9E	137	557	33.8	85	26	259
SUMPTER N, WHITE										
4221	SHAKESPEARE OIL	SUMPTER NORTH U	AUX VASES	20,29-4S-9E	183	534	21.6	40	56	111
SUMPTER S, WHITE										
4345	SO. TRIANGLE CO.	SUMPTER SOUTH UNIT	AUX VASES	2,3-5S-9E	114	685	9.1	72	72	243
4346	SO. TRIANGLE CO.	SUMPTER NORTH UNIT	AUX VASES	34,35-4S-9E	77	577	5.2	42	22	174
TAMAROA S, PERRY										
3101	CANTER DRILLING	BAGWELL	CYPRESS	28-4S-1W		313*		22*		313*
3100	ILL. LSE. OP.	TAMAROA	CYPRESS	14,23-4S-1W	197	1627	6.2	73	177	964

Field, County / Proj. no.	Reservoir statistics (avg. value) Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Development as of 12-31-68 Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Injection water Source SO = Sand GR = Gravel PROO = Produced SH = Shallow; Type (F) = Fresh (B) = Brine (M) = Mixed	Remarks
SCHNELL, RICHLAND												
3439	2988	15.0			39.5	08-68		1	1	103	PROOUCED (B)	
SEMINARY, RICHLAND												
*3410	3000	8.0			36.0	02-54	04-57	2	4	140	CYPRESS (B)	
SESSER C, FRANKLIN												
1306	2690	5.0			39.4	08-58		6	6	220	LAKE, PROO (M)	*NO DATA 1965-68
1318	2600	18.0			40.0	07-64		8	18	320	PENN SO, PROO (B)	
	4375	20.0			40.0			1	2	60		
1325	2600	15.0	18.0	10	38.0	05-65		6	14	360	CYPRESS, PROO (B)	
SHATTUC, CLINTON												
410	1285	6.0			34.6	07-59		3	8	110	TAR SPR, PROO (B)	*INCL 415, 416, 417
	1436	9.0			35.0	01-64		2	2	40		
SHAWNEETOWN N, GALLATIN												
*1416	2750	15.0			37.0	11-59	09-66	2	1	30	PENN SO (B)	
SIGGINS, CLARK, CUMBERLAND												
216	404	31.0	18.0	51	36.0	12-46		92	84	459	GRAV, PROO (M)	*ESTIMATED 1967-68
700	320	18.9	18.9	73	35.9	09-50		9	15	80	SURFACE (M)	
707	520	30.0				09-68		1	4	90	WELL, PROO (M)	
* 701	600	16.0	20.3	349	30.1	12-50	12-56	2	4	14	LAKE, PROO (M)	
702	400	32.0	17.5	56	36.4	06-42		454	471	2019	GRAV, PROO (F,B*)	*INJ WATERS ARE SEGREGATED
215	450	36.0	21.5	40	33.8	04-52		30	27	135	PROOUCED (B)	*NO DATA 1966-68
SORENTO C, BOND												
* 5	1850	4.5	12.2	50	38.0	10-62	10-64	1	3	50	PENN SO, PROO (B)	*1964 DATA ESTIMATED
STAUNTON W, MACOUPIN												
2400	490	10.0			32.0	05-60		2	7	40	PROOUCED (B)	*NO DATA 1962-68
STEWARDSON, SHELBY												
3800	1750	20.0				09-59		1	17	160	PROOUCED (B)	*INCL PRIM PROD
3801	1950	9.0				06-62		3	4	70	PROOUCED (B)	
	2035	10.0						2	2	40		
STORMS C, WHITE												
4234	2250	19.0				07-66		13	16	280	RIVER GRAV, PROO (M)	
4263	2240	10.0	19.0	250	34.0	03-56		61	53	1100	RIVER, PROO (M)	
4399	2290	20.0	20.0	200	38.0	06-64		14	15	300	PENN SO, PROO (M)	
	2390	10.0	18.5	100				2	2	40		
	2980	15.0	18.0	30				13	14	280		
4204	2250	20.0				03-66		5	5	100	PENN SO, PROO (B)	*THRU 1967 ONLY
4241	1319	9.0			28.0	04-63		1	1	20	TAR SPR, PROO (B)	
4240	2750	12.0	16.5	54	36.0	06-66		3	3	60	SH SO, PROO (M)	
*4271	2240	15.0				07-51	06-53	1	2	40	PENN SO, PROO (B)	
4248	2275	15.0	18.4	173		06-64		3	3	75	PURCHASED (M)	*ESTIMATED
	2990	16.0	17.1	47				3	3	60		
*4296	2550	6.0				06-60	01-66	9	8	150	SH SO, PROD (M)	
	2580	12.0										
4415	2250	22.0	19.5	225	34.8	07-67		1	6	120	PENN SO, PROO (M)	*ESTIMATED
4295	2100	10.0	18.0	150	34.8	08-60		4	3	120	PENN SO, PROO (B)	*INCL 4372
*4327	2100	10.0	18.0	150		08-60	12-64	1	1	20	SH SO, PROO (M)	
4372	1826	14.0	20.1	289	34.8	12-62		3	3	40	SH SD, PROO (M)	*INCL WITH 4295
4285	1480	27.0	20.0	200	34.0	12-68		2	1	25	SH SO (F)	
STRINGTOWN, RICHLAND												
*3411	3000	10.0	18.0			12-53	09-58	2	3	80	TAR SPRINGS (B)	
*3412	3026	7.0			38.0	10-54	12-57	2	2	70	CYPRESS, PROO (B)	
*3413	3002	12.0			36.0	12-53	12-63	1	2	80	PENN SO, PROO (B)	
SUMPTER E, WHITE												
4231	3020	20.0	19.7	57	37.0	10-65		13	12	395	RIVER GRAV, PROO (M)	
	3100	10.0	10.5	15	37.0			4	7	140		
4408	3090	15.0				07-65		3	3	50	RIVER GRAV, PROO (M)	
	3165	8.0					12-66	1	1	20		
SUMPTER N, WHITE												
4221	3170	10.3				06-66		5	7	180	SH SO, PROO (M)	
SUMPTER S, WHITE												
4345	3240	10.7	19.0	55	36.2	09-63		5	4	100	SH SO, PROO (M)	
4346	3240	11.7	19.0	55	36.2	10-63		4	3	70	PENN SO (F)	
TAMAROA S, PERRY												
3101	1125	12.0			27.6	01-62		1	4	60	PROOUCED (B)	*NO DATA 1967-68
3100	1140	10.0	24.3	349	31.5	12-61		4	5	180	PONO, PROO (M)	

Field, County / Project no. * = ABO + = P.M.	General information: Operator	Project U = Unit	Pay name	Location S - T - R	Production and injection statistics (M bbls): Water injection Total 1968	Water injection Cum. 12-31-68	Oil production Total 1968	Oil production Cum. 12-31-68	Water production Total 1968	Water production Cum. 12-31-68
THACKERAY, HAMILTON										
1551	MARATHON OIL CO.	THACKERAY 3-A	AUX VASES	10,11,15-5S-7E	1323	7413	104.1	768	1059	3483
THOMPSONVILLE E, FRANKLIN										
1302	C. E. BREHM	E THOMPSONVILLE	AUX VASES	12-7S-2E	123	2163	1.8	136	130	1417
THOMPSONVILLE N, FRANKLIN										
*1305	BARBARA BRAGASSA	THOMPSONVILLE U	AUX VASES	10,15-7S-4E		1032*		125*		80*
1331	N. V. DUNCAN	N THOMPSONVILLE U	AUX VASES	10-7S-4E	28	28	1.5	2		
*1304	FAIRFIELD SALV.	THOMPSONVILLE U	AUX VASES	3,9,10-7S-4E		1786		381		360
*1303	HUMBLE O AND R	N THOMPSONVILLE U	AUX VASES	3,9,10-7S-4E		2211		365		600
TONTI, MARION										
2634	GAMMA OIL CO.	TONTI FLOOD PROJ	MCCLOSKY	33-3N-2E	146	268	15.6	62	336	661
2620	TEXACO, INC.	TONTI UNIT	MCCLOSKY	4-2N-2E	765	4022	24.6*	151*	1454*	7109*
2621	TEXACO, INC.	TONTI UNIT	SPAR MTN	4-2N-2E	280	1350	*	*	*	*
*2622	TEXACO, INC.	H. MCMACKIN	SPAR MTN	34-3N-2E		109		1		109
2609	SAMUEL C. WILSON	BRANCH	BENOIST MCCLOSKY	4-2N-2E	252*	1383	6.0*	148*+	252	1213
TRUMBULL C, WHITE										
4297	AUTUMN OIL CO	R. SIMMONS	CYPRESS	25,26-5S-8E	32	80	4.0	19	27	69
4301	AUTUMN OIL CO	SEVEN MILE FLATS*	OHARA	23,24-5S-8E	31	86	1.2	3	5	15
4362	RK PET. CORP.	TRUMBULL	CYPRESS	24-5S-8E, 18-5S-9E	331	2126	27.6	206	22	96
4336	TEXACO, INC.	MOORE-NIBLING UNIT	MCCLOSKY	7-5S-9E	*	*	3.1	17	38	152
TRUMBULL N, WHITE										
*4406	SHULMAN BROTHERS	STOCKE	AUX VASES MCCLOSKY	24-4S-8E		36		1		5
VALIER, FRANKLIN										
1324	BARRON KIOD	RHEN-REA	AUX VASES	8-6S-2E	25*	77	6.6*	35+	25*	77
WALPOLE, HAMILTON										
1532	ROYALCO, INC.	WALPOLE WEST U	AUX VASES	28,33-6S-6E	111	1473	25.0	226	60	740
1518	TEXACO, INC.	WALPOLE UNIT	AUX VASES	22,26,27,34,35-6S-6E	1963	20961	64.9	2330	1590	11436
1546	TEXACO, INC.	WALPOLE EAST UNIT	AUX VASES	26,35-6S-6E	86	1225	7.0	170	137	588
*1517	UNIVERSAL OPRTNG	WALPOLE UNIT	AUX VASES	3-7S-6E		1486		79		977*
WAMAC, CLINTON, MARION, WASHINGTON										
*2610	MINERAL REC. INC	WAMAC WATERFLOOD	PETRO	19,30-1N-1E		4		7		11
*2611	OEWEY STINSON	WAMAC UNIT	PETRO	19,30-1N-1E		531		35		221
WAMAC W, CLINTON										
414	JET OIL CO.	WAMAC W. BENOIST U	BENOIST	22-1N-1W	387	2698	32.7	423*	341	2020
418	JET OIL CO.	WAMAC W CYPRESS U	CYPRESS	20,21-1N-1W	63	94	25.9	34	18	48
WEST FRANKFORT C, FRANKLIN										
1307	CONYERS OIL WELL	HORN-DIMOND 'B'	OHARA MCCLOSKY	24,25-7S-2E	50	487	3.8	92	50	340
*1301	FARRAR OIL CO.	W FRANKFORT U	TAR SPRINGS	18,19-7S-3E		4792		561		3021
*1308	FARRAR OIL CO.	ORIENT U	TAR SPRINGS	12-7S-2E		476		29		444
1313	KILLION, MCCLEM.	TEW-SINKS	AUX VASES	19,20-7S-3E	102	761	29.1	296	77	330
1322	KILLION, MCCLEM.	BONER-MERRIMAN U	AUX VASES	31-7S-3E	41	211	15.9	25	9	19
*1315	TEXAS AMERICAN	PONO CREEK	TAR SPRINGS	25-7S-2E		1031		151		336
WESTFIELD, CLARK, COLES										
224	APEX OIL	APEX	PENN	4-11N-14W	*	24	*	1		
* 231	W. M. ASHLEY	SHERWOOD STEAM FLOOD	CASEY	32-11N-14W		1*		1		6
200	FOREST OIL CO.	WESTFIELD POOL	ST LOUIS	17-11N-14W	1	2	6.1	8		
* 222	FOREST OIL CO.	PARKER	CASEY GAS	30-11N-14W		663		34		
* 502	GEN. OPERATIONS	JOHNSON	CASEY GAS	7,18,19-11N-11E 18-11N-14W		205		13		75
WEST SEMINARY, CLAY										
346	SHULMAN BROTHERS	WEST SEMINARY UNIT	AUX VASES MCCLOSKY	5,6,8-2N-7E	506	4701	13.6	378	382	2636
WHITTINGTON, FRANKLIN										
1323	T. L. CLARK	U.S. STEEL	OHARA MCCLOSKY	33-5S-3E	14*	27	2.8*	10	14*	27
1329	T. W. GEORGE	WILCOX	HAROINSBURG CYPRESS	20,29-5S-3E	182	570*	7.7	30	7	10
WHITTINGTON W, FRANKLIN										
*1312	KEWANEE OIL CO.	PLAINS	RENAULT	1,2,11,12,14-5S-2E		3375		363		1137
WILBERTON, FAYETTE										
1246	W. L. BELDEN	ST PETER AREA	CARPER	11,12,13-5N-2E 7,17,18,19-5N-3E	1023	3222	91.3*	251*		1167+

Field, County / Proj. no.	Reservoir statistics (avg. value) Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Development as of 12-31-68 Date first inj.	Date abd.	No. of wells Inj.	No. of wells Prod.	Acres under inj.	Injection water Source SO = Sand GR = Gravel PROD = Produced SH = Shallow / Type (F) = Fresh (B) = Brine (M) = Mixed	Remarks
THACKERAY, HAMILTON												
1551	3368	15.0	24.0	270		04-64		15	15	420	CYP, PROD (B)	
THOMPSONVILLE E, FRANKLIN												
1302	3200	18.0	21.1	98	38.0	07-54		2	3	60	PRODUCED (B)	
THOMPSONVILLE N, FRANKLIN												
*1305	3120	16.0	19.5	50	38.6	03-54	01-64	7	3	176	LAKE, PROD (M)	*NO DATA SINCE 1962
1331	3100	15.0				11-68		2	8	120	PENN SD, PROD (B)	
*1304	0302	15.	21.0	115	37.0	01-56	12-64	7	7	236	LAKE, PROD (M)	
*1303	3075	25.0	22.0	170	37.5	10-55	04-62	5	5	100	CYP, PROD (B)	
TONTI, MARION												
2634	2152	10.0			36.0	02-67		1	4	20	PRODUCED (B)	
2620	2125	18.0	14.1	196	36.0	02-64		7	6	140	PRODUCED (B)	*INCL 2621
2621	2108	8.0	17.3	169	36.0	02-64		2	4	140	PRODUCED (B)	*INCL WITH 2620
*2622	2108	8.0	17.3	169	36.0	03-64	12-65	1	2	30	PRODUCED (B)	
2609	1950	6.0			36.2	04-59		2	3	60	PRODUCED (B)	*EST +INCL PRIM PROD SINCE 4-59
	2122	7.0						1	2	40		
TRUMBULL C, WHITE												
4297	2800	8.0				06-65		1	2	30	PRODUCED (B)	
4301	3180	8.0				01-66		2	7	20	PRODUCED (B)	*FORMERLY JACOBS NO 1
4362	2848	12.0	16.0	40	35.0	11-62		6	6	180	SH SO (F)	
4336	3283	5.0	12.8	136	37.0	11-61		1	1	40	TAR SPR, PROD (B)	*DUMP FLOOD, UNKNOWN
TRUMBULL N, WHITE												
*4406	3320	10.0			36.0	09-65	09-66	1	1	80	CYPRESS (B)	
	3468	7.0										
VALIER, FRANKLIN												
1324	2670	8.0			39.2	11-64		1	4	70	PRODUCED (B)	*EST 1966-68 +INCL PRIM PROD
WALPOLE, HAMILTON												
1532	3200	15.0	22.1	190	39.0	07-62		4	9	160	PENN SD, PROD (B)	
1518	3100	15.4	18.3	106	36.2	12-60		15	21	1640	PENN SD, PROD (B)	
1546	3100	17.0	15.4	18	36.7	09-63		4	3	160	PENN SD, PROD (B)	
*1517	3180	18.0	20.3	134	37.4	01-60	09-66	4	3	80	PENN SD, PROD (B)	*EST FOR 1964-1966
WAMAC, CLINTON, MARION, WASHINGTON												
*2610		18.0	21.3	220	35.0	05-54	10-65	6	15	120	CITY WATER (F)	
*2611	750	20.0	20.3	183	30.0	07-57	12-60	6	13	50	CITY WATER (F)	
WAMAC W, CLINTON												
414	1450	18.6				11-62		5	9	140	LAKE, PROD (M)	*INCL PRIM PROD SINCE 11-62
418	1290	8.8				10-65		3	6	90	PENN SD, PROD (B)	
WEST FRANKFORT C, FRANKLIN												
1307	2760	10.0	15.0	205	38.0	07-59		1	2	60	PRODUCED (B)	*1967-68 ESTIMATED
	2845	7.0										
*1301	2050	31.3	17.1	155	40.3	11-57	07-65	6	6	141	CYPRESS, PROD (B)	
*1308	2050	12.1			40.1	09-59	12-63	4	3	70	CYPRESS, PROD (B)	
1313	2730	12.0			38.0	09-62		3	3	120	LAKE, PROD (M)	
1322	2750	12.0			38.0	08-65		2	2	70	PENN SD, PROD (B)	
*1315	2060	10.0	17.1		38.0	08-62	12-67	2	3	70	PRODUCED (B)	
WESTFIELD, CLARK, COLES												
224	340	60.0			34.8	03-67		6	5	40	CARPER, WELL (M)	*NO DATA 1968
* 231	250	20.0	20.0	250	25.0	02-64	04-64	2	1	10	CITY WATER (F)	*ONE TON OF STEAM, STEAM SOAK
200	290	15.0	19.0	17	34.0	01-66		20	9	30	GRAVEL BED (F)	
* 222	270	25.0	17.9	153	28.1	06-50	04-61	9	12	20	GRAVEL BED (F)	
* 502	320	35.0	21.5	86	29.0	06-51	12-62	30	14	60	LAKE, PROD (M)	
WEST SEMINARY, CLAY												
346	2970	9.0	19.0		37.2	03-64		15	8	290	PENN SD, PROD (B)	
	3080	9.0						4	5	180		
WHITTINGTON, FRANKLIN												
1323	2834	13.0	11.5	1	39.0	12-65		1	3	80	PRODUCED (B)	*ESTIMATED 1967-68
	2912	6.0										
1329	2300	10.0				09-67		2	2	40	LAKE, PROD (M)	*INJ SUSPENDED 12-66 TO 9-67
	2530	10.0						3	3	50		
WHITTINGTON W, FRANKLIN												
*1312	2675	10.0	13.0	13	38.0	02-61	05-67	6	9	400	PENN SD, PROD (B)	
WILBERTON, FAYETTE												
1246	3250	25.0				10-65		7	38	1000	BENOIST, PROD (B)	*INCL PRIM PROD SINCE 10-65 +ESTIMATED

TABLE 11 - WATERFLOOD OPERATIONS IN ILLINOIS, 1968 - Continued

Field, County Project no. * = ABO + = P.M.	General Information				Production and injection statistics (M bbls)					
					Water injection		Oil production		Water production	
	Operator	Project U = Unit	Pay name	Location S - T - R	Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68	Total 1968	Cum. 12-31-68
WILLIAMS C, JEFFERSON										
2019	WARRIOR OIL CO.	WILLIAMS SOUTH UNIT	AUX VASES	10,11-3S-2E	303	1222	8.1	40*	117	632
WILLOW HILL E, JASPER										
1906	BELLAIR OIL	WILLOW HILL C	MCCLOSKY	6-6N-11E	*	6*	*	13	*	135
*1907	M. M. SPICKLER	WILLOW HILL	MCCLOSKY	36-7N-10E		*		2		0
WOBURN C, BOND										
* 4	E. E. JENNEMAN	SPINDLER LSE	BENOIST	10-6N-2W		194		11		194
3	TROOP DRILLING	BLANKENSHIP AREA	DEVONIAN	34-7N-2W	46	46	11.4	11	110	110
WOODLAWN, JEFFERSON										
2005	W. C. MCBRIDE	HOPPA	CYPRESS	2-3S-1E	49	49	0.0	0	49	49
2024	MOBIL OIL CORP.	KAMINSKI ESTATE	BENOIST	2-3S-1E	88	231	33.6	199	80	354
*2023	TEXACO, INC.	WALKER 7	CYPRESS BENOIST	2-3S-1E		255		5		177
YORK, CLARK, CUMBERLAND										
* 706	C. KEYSER	CUMBERLAND UNIT	SIGGINS	1-9N-10E		37		0		3
* 703	TRANS-SOUTHERN	YORK	CASEY	6-9N-11E		604		20		290
ZEIGLER, FRANKLIN										
I320	V. R. GALLAGHER	PLUMFIELD U	AUX VASES	13,24,25-7S-1E 18-7S-2E	414	1751	224.1	1360*	133	263*
ZENITH N, WAYNE										
4150	T. W. GEORGE	ZENITH N, MCGREW	SPAR MTN	21-2N-6E	17	17	1.5	2	6	91
*4137	MOBIL OIL CORP.	ZENITH N. FIELD UNIT	SPAR MTN	21-2N-6E		501		58		206
ZENITH E, WAYNE										
4090	NAPCO	OURKEE	SPAR MTN	4-1N-6E	66	116	6.2	16	38	113

Field, County / Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-68					Injection water	Remarks
	Depth (ft)	Net pay thickness (ft)	Porosity (%)	Permeability (md)	Oil gravity (°API)	Date first inj.	Date abd.	No. of wells: Inj.	No. of wells: Prod.	Acres under inj.	Source (SD = Sand, GR = Gravel, PROO = Produced, SH = Shallow) Type (F) = Fresh (8) = Brine (M) = Mixed	
WILLIAMS C, JEFFERSON												
2019	2555	11.0	17.6	50	37.0	10-64		4	5	119	PENN SO, PROO (8)	*PARTIAL WF SINCE 1-53 DATA SINCE 10-64
WILLOW HILL E, JASPER												
1906	2634	9.0	15.0	24		06-57		1	1	70	PRODUCED (8)	*NO DATA 1968
*1907	2615	10.0				06-52	12-54	1	1	20	PROOUCED (8)	*DUMP FLOOD, NO DATA
WOBURN C, BOND												
* 4	1006	14.0				09-51	08-56	1	4	30	PROOUCED (8)	
3	2260	20.0			35.5	11-67		1	2	40	PRODUCED (8)	
WOODLAWN, JEFFERSON												
2005	1760	10.0				09-68		1	11	10	PROOUCED (8)	
2024	1950	17.0				01-65		1	3	40	PROOUCED (8)	
*2023	1790	10.0	14.0	225	35.9	03-64	12-65	1	2	40	PRODUCED (8)	*DISC AS WF, SWO ONLY
	1950	27.0										
YORK, CLARK, CUMBERLAND												
* 706	556	11.0	17.8	80	33.8	06-61	12-63	1	2	30	PENN SO (8)	
* 703	590	10.0	21.9	231	30.3	10-50	12-58	3	7	15	PRODUCED (8)	
ZEIGLER, FRANKLIN												
1320	2650	15.0	21.5	75	38.9	02-65		6	19	380	PENN SO, PROO (8)	*SINCE POOL DISCOVERY 7-12-63
ZENITH N, WAYNE												
4150	3100	15.0	14.0		38.0	08-68		1	3	53	PENN SO (8)	
*4137	3100	12.9	15.3		38.0	03-59	02-68	2	3	140	CYP, PROO (8)	
ZENITH E, WAYNE												
4090	3180	8.0				02-67		1	3	20	PROOUCED (8)	

TABLE 12 — ILLINOIS WATERFLOODS FOR 1968 BY COUNTIES

County	Number of projects active and (abandoned)	Wells		Acres in waterflood projects*		Water injection (M bbls)		Oil production (M bbls)		Water production (M bbls)	
		Water input	Producers	Subject to injection	Total productive	Total 1968	Cumulative 12-31-68**	Total 1968	Cumulative 12-31-68**	Total 1968	Cumulative 12-31-68†
Bond	3(3)	15	25	290	300	90	1,473	15.3	129	134	620
Christian	6	43	68	1,568	2,398	2,581	25,148	226.3	4,182	1,308	9,863
Clark	13(14)	581	551	3,989	4,797	7,024	180,715	154.9	9,113	3,042	62,623
Clay	40(24)	378	487	16,701	17,854	17,046	121,910	2,501.6	17,221	8,942	72,408
Clinton	14(4)‡	230	317	6,374	6,390	9,420	95,556	371.8	14,478	7,085	90,917
Coles	15(7)	183	232	5,170	5,405	3,482	41,463	383.3	4,353	1,319	17,711
Crawford	79(25)	1,783	1,989	20,095	25,181	45,674	730,036	2,360.7	45,371	31,670	334,087
Cumberland	4(3)	472	506	2,288	2,369	3,229	84,962	232.2	12,309	91	1,092
Douglas	2(1)	34	39	1,163	1,220	743	10,558	35.2	886	239	1,270
Edgar	1	—	—	80	80	32	43	29.3	37	36	48
Edwards	24(10)‡	116	196	5,918	6,220	5,158	65,713	431.2	9,661	3,372	34,763
Effingham	12(2)	92	163	3,685	3,710	4,014	22,652	468.8	3,196	2,327	8,915
Fayette	47(3)‡	1,592	1,809	39,313	40,094	60,603	932,793	5,987.5	154,036	45,141	546,508
Franklin	23(8)	233	324	8,482	9,018	11,793	230,054	1,305.8	27,144	7,740	156,962
Gallatin	29(13)‡	346	433	8,597	9,463	7,455	109,486	671.3	16,569	2,524	28,215
Hamilton	37(26)	615	755	23,917	26,543	37,624	276,041	3,069.0	26,228	23,737	136,041
Jasper	17(8)	121	219	8,667	9,095	8,924	29,514	571.0	3,255	3,646	26,551
Jefferson	16(9)‡	120	243	10,425	10,528	8,862	137,114	813.8	20,527	7,325	90,315
Lawrence	90(15)	1,968	2,046	25,203	26,845	52,744	565,585	5,125.0	71,279	40,956	337,500
Macon	(1)	1	2	80	80	—	6	—	0	—	4
Macoupin	1	2	7	40	40	—	16	—	1	—	2
Madison	6(1)	36	50	1,322	1,420	1,444	6,392	97.1	571	696	2,917
Marion	28(7)	750	601	31,317	31,952	90,113	1,465,899	3,593.7	101,101	81,094	697,588
Montgomery	(1)	2	2	20	20	—	38	—	6	—	15
Perry	2	5	9	240	320	197	1,940	6.2	95	177	1,277
Richland	24(14)	189	282	12,828	13,264	18,439	148,979	678.9	11,529	16,057	107,289
Saline	12(7)	83	105	1,800	3,030	5,310	37,529	915.6	4,206	2,307	8,365
Shelby	3	12	30	450	460	217	1,825	48.0	441	217	1,315
Wabash	93(41)	670	867	17,084	18,656	20,317	216,881	1,981.1	36,934	21,826	90,306
Washington	11(1)	63	116	1,631	1,751	3,119	30,592	258.5	5,319	2,774	29,578
Wayne	87(33)	873	1,148	49,433	54,932	44,763	289,293	4,196.2	39,914	22,378	174,131
White	144(60)	1,508	2,077	44,847	48,596	50,074	571,844	5,034.4	65,743	27,337	260,720
Williamson	1	6	10	160	160	247	493	101.0	130	—	—

*Acreage data are incomplete in a few counties.
**Projects not reporting in 1968 are included as of last reporting date
†Not all projects reported produced water.
‡Includes 1 active pressure maintenance project.
‡‡Includes 1 abandoned pressure maintenance project.

TABLE 13 — ILLINOIS OIL POOLS HAVING ACTIVE WATERFLOODS DURING 1968

Field	Number of projects	Wells		Acres in injection projects*		Water injection (M bbls)		Waterflood oil (M bbls)		Water production (M bbls)	
		Water input	Producers	Subject to injection	Total productive	Total 1968	Cumulative 12-31-68*	Total 1968	Cumulative 12-31-68**	Total 1968	Cumulative 12-31-68†
Aden C	3(2)‡	63	78	3,380	4,860	3,561	32,637	364.3	3,492	3,291	18,706
Aden S	‡	10	22	380	560	332	2,198	15.1	164	—	—
Akin	4(1)	11	29	510	510	327	2,701	75.7	323	19	304
Albion C	15(6)	103	168	4,317	4,500	4,326	64,761	356.4	9,203	3,027	33,845
Albion E	2	6	13	232	232	661	1,454	18.3	55	127	446
Allendale	25(12)	147	191	3,003	3,776	5,969	70,000	647.3	12,219	14,616	35,912
Assumption	5	42	55	1,538	1,718	2,522	24,290	216.4	4,093	1,249	9,373
Barnhill	3(4)	36	54	910	1,050	386	15,354	39.2	1,928	274	2,932
Bartelso	1(2)	22	27	320	320	75	5,619	2.0	1,101	75	3,597
Beaucoup	1	7	10	307	307	628	4,586	23.8	281	513	3,785
Beaucoup S	1	1	1	27	27	6	97	0.8	32	6	97
Beaver Creek	1(1)	2	5	60	80	24	130	1.5	25	17	17
Bellair	2(1)	106	130	717	747	1,144	90,711	24.0	2,484	1,094	38,117
Benton	2	104	83	3,390	3,390	7,296	192,676	340.3	20,282	6,235	144,976
Benton N	2	26	43	810	900	1,227	2,812	326.6	657	480	903
Bone Gap C	1(1)	2	13	220	270	255	2,013	17.0	511	209	1,788
Bourbon C	1	18	30	800	800	—	6,000	—	500	—	—
Boyd	2	7	18	2,133	2,133	1,553	70,748	33.5	4,188	1,553	45,066
Brown	1	1	3	40	40	37	255	1.6	23	26	214
Browns	4	7	12	923	1,002	71	3,740	22.3	431	9	689
Browns E	2(2)	29	35	673	700	152	4,051	26.0	1,520	18	1,417
Bungay	6(2)	38	54	1,752	2,053	2,644	23,182	199.2	2,042	1,853	11,245
Calhoun E	1	2	2	80	80	—	93	—	1	—	4
Calhoun S	1	2	7	20	200	29	66	21.5	73	29	66
Carlyle	1	1	7	80	100	48	432	10.4	39	—	—
Carmi	1	1	2	60	60	10	95	9.6	26	7	25
Casey	1(3)	101	93	470	490	180	11,160	2.4	528	—	70
Centerville	1	1	1	20	20	28	268	1.1	4	12	29
Centerville E	4(2)	101	104	2,245	2,300	2,859	26,026	129.3	2,976	2,489	15,976
Central City	1	1	6	60	60	5	26	1.7	10	—	—
Centralia	5(1)	162	211	4,604	4,700	8,479	79,956	254.6	10,594	6,471	76,563
Chesterville E	1	14	7	323	360	743	4,497	35.2	385	239	1,270
Clay City C	94(25)	891	1,202	51,349	54,000	53,838	373,972	4,560.2	36,440	31,177	196,018
Coil	1	4	4	80	100	175	451	70.6	126	65	84
Concord C	6(7)	47	61	1,383	1,590	1,661	22,192	66.8	2,195	1,318	11,193
Concord EC	1	2	5	70	100	63	123	6.5	13	24	34
Cooks Mills C	4(2)	25	48	890	1,140	406	8,600	42.2	483	140	4,494
Cordes	2	38	61	790	790	1,524	22,519	126.3	4,582	1,864	23,962
Crossville W	1	4	10	250	300	175	1,199	6.4	45	67	239
Dale C	27(21)	521	660	19,485	21,570	32,150	218,880	2,735.2	20,440	19,002	105,584
Deering City	1	1	4	50	50	70	166	11.3	67	33	128
Divide C	2(1)	18	40	2,550	2,550	2,262	11,892	155.5	782	2,116	7,565
Dubois C	2(1)	4	14	160	280	46	269	4.2	59	40	227
Dudley	1	—	—	80	80	32	43	29.3	37	36	48
Edinburg W	1	1	13	30	680	59	858	9.9	89	59	490
Eldorado C	5(2)	39	56	1,215	1,610	3,951	26,776	799.1	2,742	2,107	5,935
Elliottstown N	1	1	8	100	100	100	201	35.2	63	15	25
Exchange E	1	2	5	160	180	58	276	14.1	35	29	66
Exchange N	1	4	10	260	300	141	141	57.6	58	—	—
Exchange W	1	2	7	120	150	66	123	12.8	61	35	68
Fairman	1	1	4	50	50	30	1,408	1.2	247	30	1,408
Friendsville N	1(2)	6	9	126	190	59	854	12.1	241	29	332
Frogtown N	1	1	2	30	100	—	—	2.8	3	—	—
Germantown E	1	2	13	300	300	150	2,863	29.3	1,086	150	2,913
Gila	1	4	17	437	620	420	2,864	12.5	412	180	1,580
Golden Gate C	8(8)	113	117	3,869	4,700	2,102	23,665	115.5	2,284	632	7,963
Half Moon	2	13	21	1,070	1,560	1,018	7,687	138.4	520	342	2,430

TABLE 13 — Continued

Field	Number of projects	Wells		Acres in injection projects*		Water injection (M bbls)		Waterflood oil (M bbls)		Water production (M bbls)	
		Water input	Producers	Subject to injection	Total productive	Total 1968	Cumulative 12-31-68**	Total 1968	Cumulative 12-31-68**	Total 1968	Cumulative 12-31-68†
Harco	2	4	3	80	130	144	645	10.6	58	6	16
Harrisburg	1	3	5	80	80	167	1,597	1.5	16	12	136
Herald C	14(5)	90	117	2,761	2,761	2,629	23,065	267.0	3,388	1,042	7,361
Hickory Hill	1	1	1	20	20	15	52	1.9	14	15	71
Hord	1	1	2	20	40	16	60	0.4	3	3	32
Hord S	2	9	14	590	600	1,010	9,172	29.3	793	706	6,000
Ina	1	4	7	260	260	361	3,401	13.8	236	372	2,488
Inman EC	5(5)	200	225	4,330	4,465	3,564	65,052	170.3	9,372	1,294	13,727
Inman WC	11(3)	88	104	1,989	2,405	2,072	11,169	273.6	1,220	477	2,148
Iola C	6(3)	100	133	2,910	3,000	3,810	25,107	190.4	1,728	1,510	16,127
Irvington	3	5	18	230	350	181	1,777	40.7	252	184	1,192
Iuka	1	2	4	270	270	—	—	8.3	50	33	253
Johnson N	2(4)	136	140	764	1,045	2,023	29,093	52.7	2,248	1,562	17,562
Johnson S	4	94	104	1,343	1,343	3,380	105,718	37.7	3,088	500	22,441
Johnsonville C	6(1)	116	159	11,720	11,910	11,144	105,092	598.5	9,663	6,436	59,660
Johnsonville S	1	12	11	480	480	488	2,872	13.4	210	224	862
Johnsonville W	2	7	9	320	380	660	3,665	48.0	509	278	1,147
Johnston City E	1	6	10	160	180	247	493	101.0	130	—	—
Junction	1	5	6	110	140	—	2,357	—	303	—	—
Junction E	1	2	1	30	50	94	94	4.8	5	8	8
Keensburg S	2(1)	10	15	280	310	873	2,419	58.6	292	267	991
Kenner	1(2)	27	35	810	1,645	6	9,757	0.9	499	6	3,037
King	3(1)	7	17	360	360	239	2,544	30.2	271	201	1,066
Lancaster	2	23	37	540	590	657	4,191	144.3	1,069	203	324
Lancaster S	1	2	2	40	40	36	385	8.5	89	1	82
Lawrence	83(13)	1,914	1,983	24,208	25,535	51,130	554,512	4,912.7	70,103	39,992	331,942
Lexington	1	1	1	50	50	66	66	1.4	1	0	0
Lillyville	1	2	3	40	80	75	694	12.0	67	32	59
Livingston	2(1)	13	18	320	320	—	208	—	31	—	—
Livingston S	1	5	7	150	150	86	427	7.8	46	—	—
Locust Grove	1	1	1	20	20	27	76	3.2	4	—	—
Louden	42(2)	1,560	1,715	37,415	37,706	58,232	922,762	5,719.4	152,810	43,647	538,925
McKinley	1	2	2	20	20	25	151	0.7	1	25	151
Main C	77(24)	1,677	1,859	19,378	24,434	43,730	639,325	2,336.7	42,887	30,576	295,970
Maple Grove	1(2)	8	17	530	530	—	1,411	—	359	—	881
Martinsville	1(3)	64	52	313	700	—	5,866	—	123	—	59
Mason N	1	5	4	130	130	89	2,106	5.6	138	721	1,942
Mattoon	11(4)	126	163	4,130	4,140	2,936	32,121	322.9	3,745	1,069	12,709
Mattoon N	1	4	9	130	130	140	598	18.2	113	110	433
Maunie NC	6(2)	58	71	1,375	2,180	1,060	9,648	147.0	2,250	644	3,916
Maunie SC	4(2)	48	59	1,202	1,210	90	21,625	32.6	2,875	7	15,019
Miletus	1	1	1	20	20	7	49	1.2	2	7	44
Mill Shoals	9(2)	53	71	2,012	2,323	3,069	21,179	161.3	1,647	1,627	9,421
Mode	1	6	7	180	200	—	—	11.8	298	—	—
Mt. Carmel	17(12)	100	156	3,170	3,533	2,643	29,586	261.6	3,643	1,598	13,354
New Harmony C	82(25)	826	1,139	23,250	24,150	23,613	298,074	2,615.4	47,705	15,060	119,256
New Haven C	4(1)	21	31	798	1,050	295	3,139	34.0	911	49	431
Oakdale N	1	4	7	290	290	111	561	48.6	210	90	325
Oak Point	1(1)	22	18	300	340	940	1,753	41.6	97	500	581
Old Ripley	1	10	11	110	110	20	1,015	2.4	78	17	242
Olney C	5(3)	25	33	2,140	2,328	566	15,360	39.7	1,382	527	8,863
Omaha	3(1)	9	44	673	950	757	6,798	100.0	3,234	314	4,307
Orchardville	1	1	3	40	40	32	132	9.0	35	—	—
Oskaloosa	2(1)	16	12	596	596	163	1,497	10.7	1,312	198	3,641
Parkersburg	2(3)	12	24	716	726	33	6,413	3.3	343	33	2,441

TABLE 13 — Continued

Field	Number of projects	Wells		Acres in injection projects*		Water injection (M bbls)		Waterflood oil (M bbls)		Water production (M bbls)	
		Water input	Producers	Subject to injection	Total productive	Total 1968	Cumulative 12-31-68**	Total 1968	Cumulative 12-31-68**	Total 1968	Cumulative 12-31-68†
Passport	3	9	12	605	650	1,207	10,595	49.7	755	607	6,202
Patoka	4	78	75	1,553	1,553	1,594	26,724	46.3	8,579	1,179	57,270
Patoka E	2	9	17	240	440	906	2,829	55.4	251	582	2,118
Patoka S	2	33	38	720	740	1,885	7,049	116.0	931	721	2,541
Phillipstown C	22(9)	98	204	3,218	3,536	2,565	21,275	449.6	4,092	1,083	10,403
Phillipstown S	1	2	3	60	60	60	365	5.7	133	—	—
Raccoon Lake	1(2)	9	11	370	370	245	3,078	0.7	206	352	3,640
Raleigh	2(1)	22	16	400	600	606	4,871	69.6	1,123	5	986
Raleigh S	3	7	8	230	400	442	2,849	34.8	199	177	1,102
Richview	1	6	10	97	97	709	1,193	62.0	112	142	164
Roaches N	1	1	11	460	460	178	2,018	.0	30	143	1,751
Rochester	3	23	25	400	416	2,037	14,152	71.5	1,314	306	1,416
Roland	15(6)	268	387	9,574	10,537	10,186	89,867	1,350.2	9,743	2,516	35,357
Ruark	1	1	5	56	100	63	375	11.8	96	12	49
Ruark W	1	19	17	279	370	689	2,590	105.5	364	491	1,140
Rural Hill N	1	3	2	140	140	36	1,539	3.0	210	36	544
St. Francisville	1(2)	4	7	140	140	60	583	2.0	16	8	23
St. Francisville E	1	5	7	160	200	80	2,996	19.0	215	41	1,078
St. Jacob	3	18	25	852	950	1,358	5,757	89.3	494	696	2,917
St. James	5(1)	29	68	1,098	1,408	1,397	7,199	184.8	1,046	1,522	6,495
Ste. Marie	3(1)	6	27	760	800	362	2,382	10.7	222	5	130
Sailor Springs C	21(14)	166	196	6,355	7,203	10,132	54,542	2,003.5	9,817	4,998	24,450
Salem	9(1)	605	443	29,822	30,057	87,254	1,144,580	3,649.8	103,066	78,612	647,163
Schnell	1	1	1	103	120	54	54	5.2	5	1	1
Sesser C	3	21	40	960	1,140	873	5,394	174.1	1,276	528	1,782
Shattuc	1	5	10	150	150	76	460	7.0	84	—	—
Siggins	5(1)	588	605	2,797	2,910	3,654	109,888	234.6	15,203	539	22,642
Staunton W	1	2	7	40	40	—	16	—	1	—	2
Stewardson	2	6	23	270	280	217	1,825	36.2	143	217	1,315
Storms C	11(3)	139	139	2,830	3,130	9,635	125,393	558.0	4,075	6,599	68,405
Sumpter E	2	21	23	605	620	772	2,475	89.6	186	144	503
Sumpter N	1	5	7	180	378	183	534	21.6	40	56	111
Sumpter S	2	9	7	170	190	191	1,262	14.3	114	94	417
Tamaroa S	2	5	9	240	320	197	1,940	6.2	95	177	1,277
Thackeray	1	15	15	420	420	1,323	7,413	104.1	768	1,059	3,483
Thompsonville E	1	2	3	60	117	123	2,163	1.8	136	130	1,417
Thompsonville N	1(3)	21	23	632	650	28	5,057	1.5	873	—	1,040
Tonti	4(1)	14	21	430	610	1,443	7,132	46.2	362	2,042	9,092
Trumbull	4	10	16	270	400	394	2,292	35.9	245	92	332
Valier	1	1	4	70	70	25	77	6.6	35	25	77
Walpole	3(1)	27	36	2,040	2,100	2,160	25,145	96.9	2,805	1,787	13,741
Wamac W	2	8	15	230	230	450	2,792	58.6	457	359	2,068
West Frankfort	3(3)	18	19	550	741	193	7,758	48.8	1,154	136	4,490
Westfield	2(3)	67	41	160	250	1	895	6.1	57	—	81
West Seminary	1	19	13	470	470	506	4,701	13.6	378	382	2,636
Whittington	2	6	8	170	170	196	597	10.5	40	21	37
Wilberton	1	7	38	1,000	1,180	1,023	3,222	91.3	251	—	1,167
Williams	1	4	5	119	172	303	1,222	8.1	40	117	632
Willow Hill E	1(1)	2	2	90	90	—	6	—	15	—	135
Woburn C	1(1)	2	6	70	90	46	240	11.4	22	110	304
Woodlawn	2(1)	3	16	90	120	137	535	33.6	204	129	580
Zeigler	1	6	19	380	380	414	1,751	224.1	1,360	133	263
Zenith N	1(1)	3	6	193	200	17	518	1.5	60	6	297
Zenith E	1	1	3	20	250	66	116	6.2	16	38	113

*Acreage data are incomplete in a few counties.
**Projects not reporting in 1968 are included as of last reporting date.
†Not all projects reported produced water.
‡Number of abandoned projects included.

TABLE 14 — SUMMARY OF WATERFLOOD STATISTICS 1949 — 1968

Year	No. of active projects	Water injection (M bbls)		Reported waterflood oil production (M bbls)		Estimated dump flood production (M bbls)		Total oil prod. (M bbls)	Waterflood prod. % of total prod.**	No. wells in flood projects		Productive acreage		% of total acreage under flood	Cumulative waterflood oil recovery acre subjected to injection	Cumulative injected water/ cumulative produced oil
		Annual	Cumulative*	Annual	Cumulative*	Annual	Cumulative*			Inj.	Prod.	Subjected to inj.	Total			
1949	33	20,612	50,983	2,511	10,313	1,500	5,000	64,501	6.2	946	1,055	8,450	375,985	2.2	1,230	4.9
1950	63	44,053	99,040	3,107	13,826	1,500	6,500	62,028	7.4	1,097	1,197	14,123	397,685	3.6	979	7.2
1951	84	57,147	148,279	6,672	21,890	1,500	8,000	60,244	13.4	1,620	5,230	17,646	412,050	4.3	1,241	6.8
1952	131	72,951	221,078	8,752	29,000	2,000	12,000	60,071	17.9	2,160	5,114	31,330	425,025	7.4	926	7.6
1953	167	118,409	335,727	10,086	39,800	2,250	14,600	59,025	20.9	2,849	5,298	37,854	434,100	8.7	1,051	8.4
1954	232	176,012	512,202	15,985	55,687	2,129	17,900	67,000	27.0	3,597	6,686	59,027	500,130	11.8	943	9.2
1955	284	224,579	745,573	24,585	81,131	1,978	19,800	81,131	32.7	4,407	7,163	72,832	521,200	14.0	1,114	9.2
1956	333	271,270	1,014,900	29,600	111,700	1,700	21,500	82,314	38.0	5,307	7,687	92,350	539,315	17.1	1,210	9.1
1957	382	295,750	1,310,000	35,442	147,142	1,750	23,250	76,649	48.5	5,734	7,814	112,000	550,305	20.4	1,316	8.9
1958	443	317,153	1,606,500	40,833	187,338	2,040	25,290	80,779	53.1	6,647	8,567	122,500	562,535	21.8	1,529	8.6
1959	499	345,098	1,954,200	41,360	238,512	2,436	27,720	76,727	57.1	7,327	9,306	136,976	574,625	23.8	1,741	8.1
1960	559	376,563	2,324,200	44,789	283,862	1,750	29,470	77,341	60.2	8,062	9,855	152,823	585,045	26.1	1,857	8.2
1961	658	390,093	2,753,361	50,412	334,716	1,270	30,740	77,478	66.7	8,560	10,521	171,825	602,665	28.5	1,948	8.2
1962	717	467,318	3,144,893	49,078	379,977	1,245	31,985	78,796	63.9	8,875	10,660	186,785	612,995	30.5	2,034	8.2
1963	779	438,191	3,631,514	50,092	471,345	902	32,887	74,796	66.9	9,048	11,690	194,900	621,735	31.4	2,616	7.7
1964	848	467,691	4,099,133	47,977	520,886	660	33,547	70,168	69.3	9,731	11,497†	240,163†	629,055	45.4	1,825†	8.7
1965	938	479,347	4,526,211	43,729	531,102	500	34,047	63,708	69.4	10,091	13,651†	292,928†‡	635,455	46.2	1,810†	8.5
1966	929	505,583	5,281,790	43,319	612,692	200	34,247	61,982	68.3	11,194	13,912†	307,200†	641,165	47.9	1,980†	8.6
1967	896	512,808	5,745,583	43,496	666,239	None	34,247	60,115	71.6	12,893	15,427	338,100	724,600	46.7	1,970	8.6
1968‡‡	880	518,581	6,184,083	41,260	668,907	None	34,247	56,391	73.4	13,107	15,572	347,499	729,400	47.7	1,920	9.2

*Current oil plus previous cumulative does not equal current cumulative because of yearly revisions.
**Waterflood oil includes estimated dump flood production. All other figures exclude dump flood production.
†Includes abandoned acreage with waterfloods and pressure maintenance.
‡Revised.
‡‡Does not include pressure maintenance data.

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